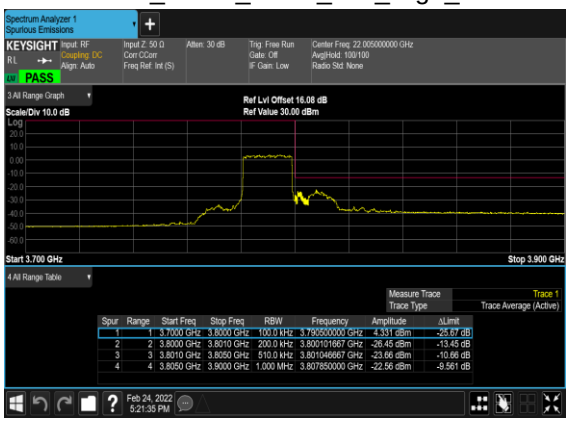
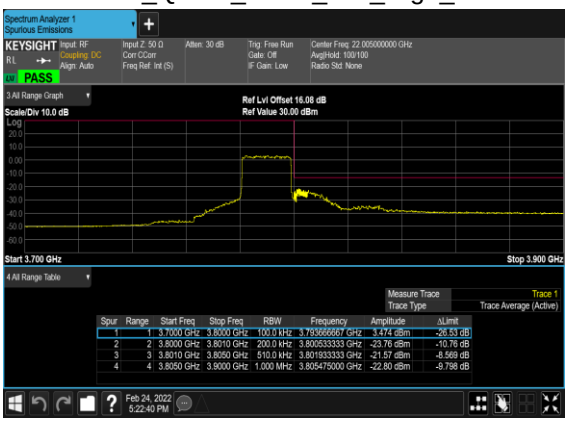
N78(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

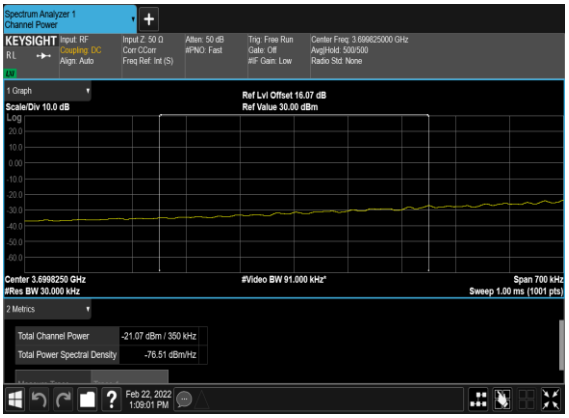


N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

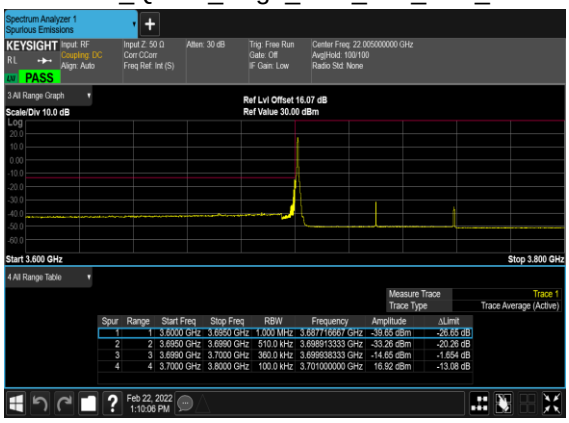


N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

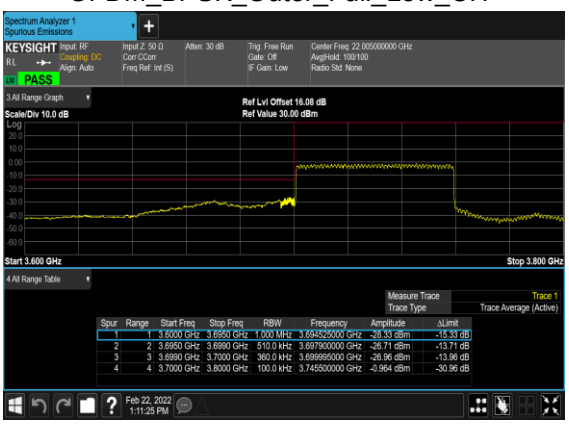
N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



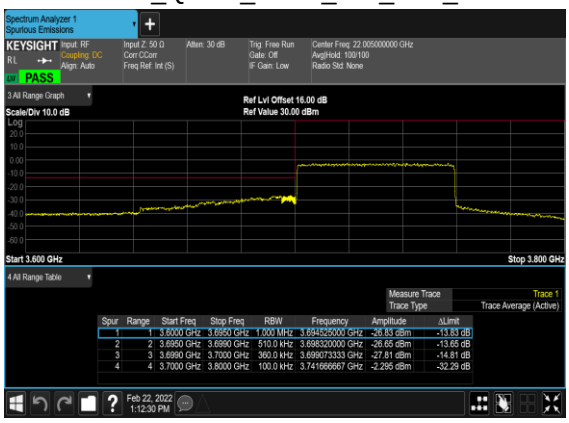
N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



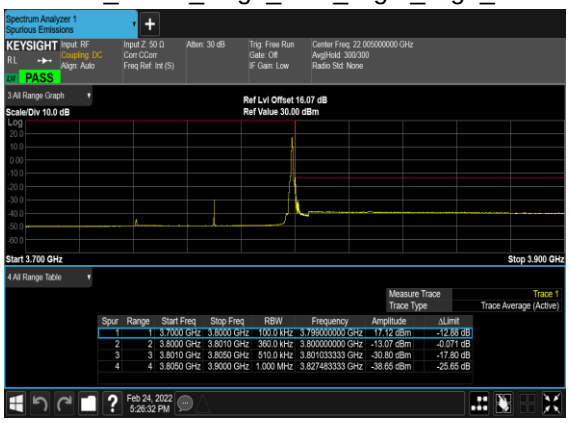
N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



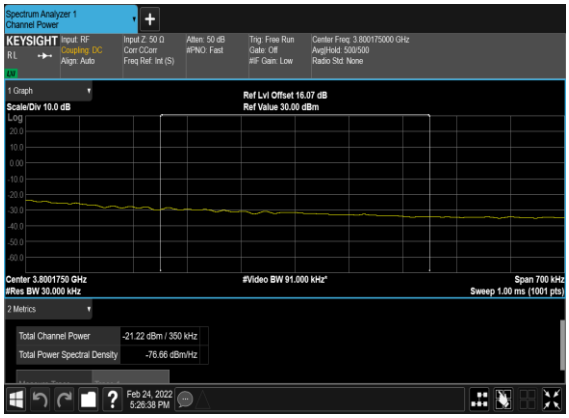
N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



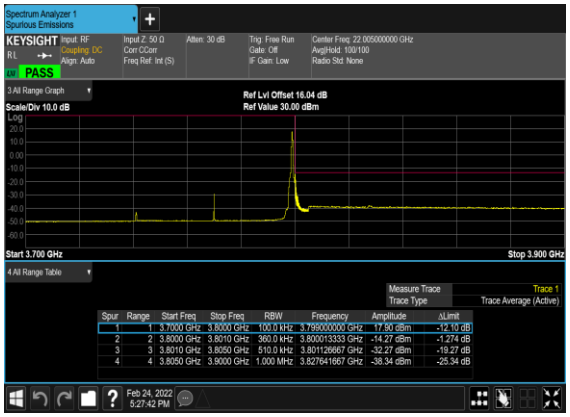
N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



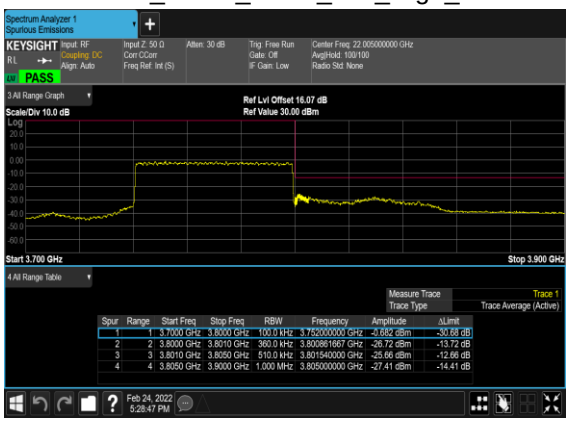
N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



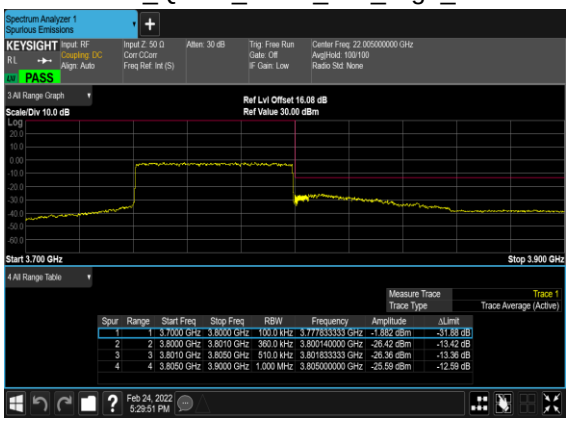
N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



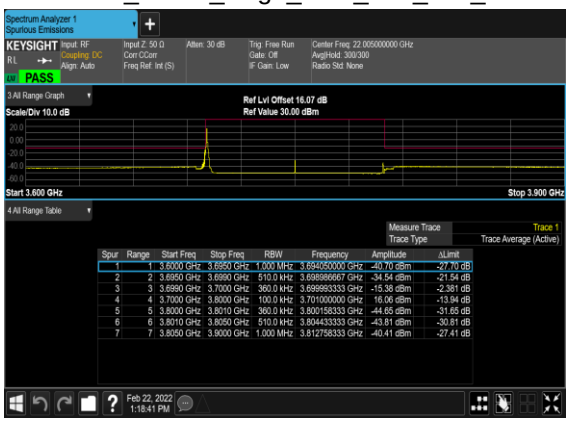
N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



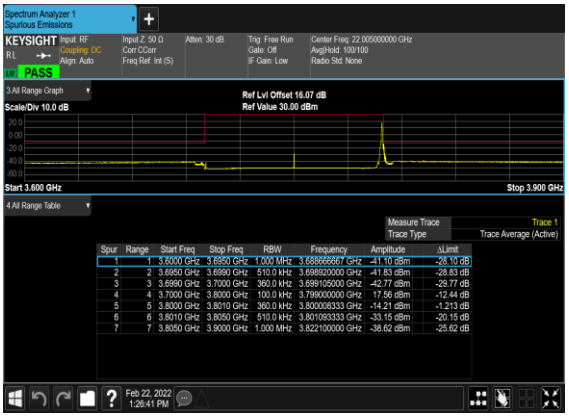
N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



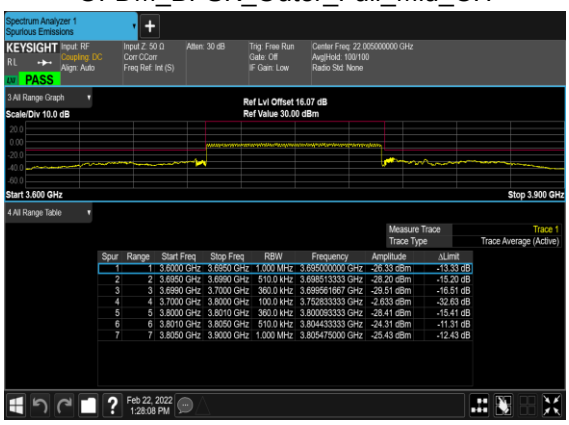
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

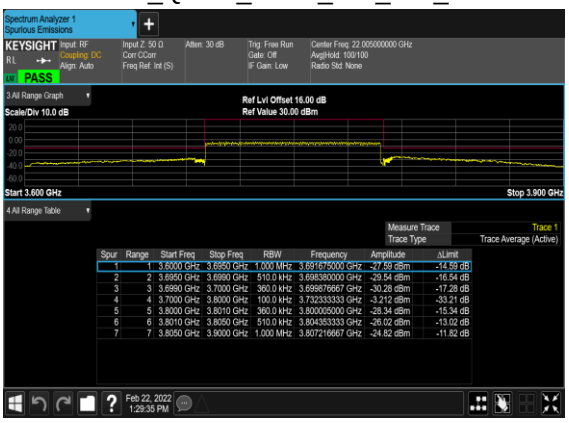
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N78(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of EIRP and Radiated

TestConducted Output Power(Average power) and EIRP

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	23.31	22.25	0.1679
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	23.21	22.15	0.1641
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	23.22	22.16	0.1644
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	23.25	22.19	0.1656
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.28	22.22	0.1667
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	23.3	22.24	0.1675
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	22.29	21.23	0.1327
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.42	21.36	0.1368
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	22.48	21.42	0.1387
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	20.79	19.73	0.0940
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	20.53	19.47	0.0885
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	20.51	19.45	0.0881
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	18.66	17.6	0.0575
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	18.62	17.56	0.0570
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	18.55	17.49	0.0561
77	30	20	647334	3710.01	CP-OFDM QPSK	25@12	21.74	20.68	0.1169
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	21.75	20.69	0.1172
77	30	20	647334	3710.01	CP-OFDM QPSK	1@49	21.66	20.6	0.1148
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	25@12	23.72	22.66	0.1845
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.68	22.62	0.1828
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@49	23.72	22.66	0.1845
77	30	20	656000	3840	DFT-s-OFDM QPSK	25@12	23.74	22.68	0.1854
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	23.74	22.68	0.1854
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@49	23.74	22.68	0.1854
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	25@12	22.81	21.75	0.1496
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.88	21.82	0.1521

77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@49	22.91	21.85	0.1531
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	25@12	21.26	20.2	0.1047
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.98	19.92	0.0982
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@49	21.23	20.17	0.1040
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	25@12	19.13	18.07	0.0641
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.96	17.9	0.0617
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@49	19.04	17.98	0.0628
77	30	20	656000	3840	CP-OFDM QPSK	25@12	22.22	21.16	0.1306
77	30	20	656000	3840	CP-OFDM QPSK	1@1	22.12	21.06	0.1276
77	30	20	656000	3840	CP-OFDM QPSK	1@49	22.17	21.11	0.1291
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	25@12	23.3	22.24	0.1675
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@1	23.38	22.32	0.1706
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@49	23.44	22.38	0.1730
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	25@12	23.37	22.31	0.1702
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	23.43	22.37	0.1726
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@49	23.49	22.43	0.1750
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	25@12	22.42	21.36	0.1368
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	22.58	21.52	0.1419
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@49	22.73	21.67	0.1469
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	25@12	20.94	19.88	0.0973
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@1	20.7	19.64	0.0920
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@49	20.75	19.69	0.0931
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	25@12	18.78	17.72	0.0592
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@1	18.69	17.63	0.0579
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@49	18.76	17.7	0.0589
77	30	20	664666	3969.99	CP-OFDM QPSK	25@12	21.9	20.84	0.1213
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	21.87	20.81	0.1205
77	30	20	664666	3969.99	CP-OFDM QPSK	1@49	21.88	20.82	0.1208
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	23.35	22.29	0.1694
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	23.31	22.25	0.1679
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	23.24	22.18	0.1652
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	23.29	22.23	0.1671

77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	23.36	22.3	0.1698
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	23.28	22.22	0.1667
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	22.29	21.23	0.1327
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	22.61	21.55	0.1429
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	22.51	21.45	0.1396
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	20.84	19.78	0.0951
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	20.73	19.67	0.0927
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	20.69	19.63	0.0918
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	18.73	17.67	0.0585
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	18.69	17.63	0.0579
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	18.56	17.5	0.0562
77	30	30	647668	3715.02	CP-OFDM QPSK	39@19	21.77	20.71	0.1178
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	21.86	20.8	0.1202
77	30	30	647668	3715.02	CP-OFDM QPSK	1@76	21.65	20.59	0.1146
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	36@18	23.75	22.69	0.1858
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.8	22.74	0.1879
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@76	23.76	22.7	0.1862
77	30	30	656000	3840	DFT-s-OFDM QPSK	36@18	23.74	22.68	0.1854
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	23.83	22.77	0.1892
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@76	23.78	22.72	0.1871
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	36@18	22.75	21.69	0.1476
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.98	21.92	0.1556
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@76	22.92	21.86	0.1535
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	36@18	21.25	20.19	0.1045
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@1	21.18	20.12	0.1028
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@76	21.17	20.11	0.1026
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	36@18	19.17	18.11	0.0647
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@1	19.03	17.97	0.0627
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@76	19.02	17.96	0.0625
77	30	30	656000	3840	CP-OFDM QPSK	39@19	22.24	21.18	0.1312
77	30	30	656000	3840	CP-OFDM QPSK	1@1	22.23	21.17	0.1309
77	30	30	656000	3840	CP-OFDM QPSK	1@76	22.13	21.07	0.1279

77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	36@18	23.42	22.36	0.1722
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@1	23.43	22.37	0.1726
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@76	23.51	22.45	0.1758
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	36@18	23.45	22.39	0.1734
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	23.41	22.35	0.1718
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@76	23.49	22.43	0.1750
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	36@18	22.41	21.35	0.1365
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	22.76	21.7	0.1479
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@76	22.82	21.76	0.1500
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	36@18	21.03	19.97	0.0993
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@1	20.72	19.66	0.0925
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@76	20.8	19.74	0.0942
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	36@18	18.85	17.79	0.0601
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@1	18.67	17.61	0.0577
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@76	18.7	17.64	0.0581
77	30	30	664332	3964.98	CP-OFDM QPSK	39@19	21.91	20.85	0.1216
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	21.86	20.8	0.1202
77	30	30	664332	3964.98	CP-OFDM QPSK	1@76	21.79	20.73	0.1183
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	23.48	22.42	0.1746
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	23.63	22.57	0.1807
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	23.4	22.34	0.1714
77	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	23.52	22.46	0.1762
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	23.69	22.63	0.1832
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	23.52	22.46	0.1762
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	22.49	21.43	0.1390
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.86	21.8	0.1514
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	22.72	21.66	0.1466
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	21.09	20.03	0.1007
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	20.99	19.93	0.0984
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	20.74	19.68	0.0929
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	18.99	17.93	0.0621
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	18.99	17.93	0.0621

77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	18.8	17.74	0.0594
77	30	40	648000	3720	CP-OFDM QPSK	53@26	22.03	20.97	0.1250
77	30	40	648000	3720	CP-OFDM QPSK	1@1	22.13	21.07	0.1279
77	30	40	648000	3720	CP-OFDM QPSK	1@104	21.92	20.86	0.1219
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	50@25	23.8	22.74	0.1879
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.99	22.93	0.1963
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@104	23.75	22.69	0.1858
77	30	40	656000	3840	DFT-s-OFDM QPSK	50@25	23.73	22.67	0.1849
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	23.92	22.86	0.1932
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@104	23.75	22.69	0.1858
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	50@25	22.74	21.68	0.1472
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.04	21.98	0.1578
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@104	22.94	21.88	0.1542
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	50@25	21.29	20.23	0.1054
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@1	21.18	20.12	0.1028
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@104	21.06	20	0.1000
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	50@25	19.14	18.08	0.0643
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@1	19.19	18.13	0.0650
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@104	18.99	17.93	0.0621
77	30	40	656000	3840	CP-OFDM QPSK	53@26	22.22	21.16	0.1306
77	30	40	656000	3840	CP-OFDM QPSK	1@1	22.25	21.19	0.1315
77	30	40	656000	3840	CP-OFDM QPSK	1@104	22.16	21.1	0.1288
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	50@25	23.54	22.48	0.1770
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@1	23.6	22.54	0.1795
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@104	23.63	22.57	0.1807
77	30	40	664000	3960	DFT-s-OFDM QPSK	50@25	23.5	22.44	0.1754
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	23.59	22.53	0.1791
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@104	23.29	22.23	0.1671
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	50@25	22.54	21.48	0.1406
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	22.75	21.69	0.1476
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@104	22.8	21.74	0.1493
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	50@25	21.07	20.01	0.1002

77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@1	20.79	19.73	0.0940
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@104	20.93	19.87	0.0971
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	50@25	18.96	17.9	0.0617
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@1	18.95	17.89	0.0615
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@104	18.97	17.91	0.0618
77	30	40	664000	3960	CP-OFDM QPSK	53@26	21.99	20.93	0.1239
77	30	40	664000	3960	CP-OFDM QPSK	1@1	21.98	20.92	0.1236
77	30	40	664000	3960	CP-OFDM QPSK	1@104	22	20.94	0.1242
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	23.36	22.3	0.1698
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	23.42	22.36	0.1722
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	23.31	22.25	0.1679
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	23.41	22.35	0.1718
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	23.46	22.4	0.1738
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	23.32	22.26	0.1683
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	22.4	21.34	0.1361
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	22.64	21.58	0.1439
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	22.51	21.45	0.1396
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	20.92	19.86	0.0968
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	20.82	19.76	0.0946
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	20.72	19.66	0.0925
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	18.89	17.83	0.0607
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	18.7	17.64	0.0581
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	18.55	17.49	0.0561
77	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.83	20.77	0.1194
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	21.79	20.73	0.1183
77	30	60	648668	3730.02	CP-OFDM QPSK	1@160	21.71	20.65	0.1161
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	81@40	23.57	22.51	0.1782
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.56	22.5	0.1778
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@160	23.53	22.47	0.1766
77	30	60	656000	3840	DFT-s-OFDM QPSK	81@40	23.59	22.53	0.1791
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	23.52	22.46	0.1762
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@160	23.49	22.43	0.1750

77	30	60	656000	3840	DFT-s-OFDM 16 QAM	81@40	22.53	21.47	0.1403
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.75	21.69	0.1476
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@160	22.65	21.59	0.1442
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	81@40	21.11	20.05	0.1012
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@1	21	19.94	0.0986
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@160	20.82	19.76	0.0946
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	81@40	18.98	17.92	0.0619
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.9	17.84	0.0608
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@160	18.85	17.79	0.0601
77	30	60	656000	3840	CP-OFDM QPSK	81@40	21.99	20.93	0.1239
77	30	60	656000	3840	CP-OFDM QPSK	1@1	22.04	20.98	0.1253
77	30	60	656000	3840	CP-OFDM QPSK	1@160	22.08	21.02	0.1265
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	81@40	23.38	22.32	0.1706
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@1	23.29	22.23	0.1671
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@160	23.31	22.25	0.1679
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	81@40	23.35	22.29	0.1694
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	23.32	22.26	0.1683
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@160	23.35	22.29	0.1694
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	81@40	22.39	21.33	0.1358
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	22.77	21.71	0.1483
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@160	22.67	21.61	0.1449
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	81@40	20.86	19.8	0.0955
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@1	20.83	19.77	0.0948
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@160	20.71	19.65	0.0923
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	81@40	18.8	17.74	0.0594
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@1	18.71	17.65	0.0582
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@160	18.72	17.66	0.0583
77	30	60	663332	3949.98	CP-OFDM QPSK	81@40	21.8	20.74	0.1186
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	21.75	20.69	0.1172
77	30	60	663332	3949.98	CP-OFDM QPSK	1@160	21.78	20.72	0.1180
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	23.04	21.98	0.1578
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	23.06	22	0.1585

77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	22.95	21.89	0.1545
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	23.07	22.01	0.1589
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	23.06	22	0.1585
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	22.93	21.87	0.1538
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	22.07	21.01	0.1262
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	22.27	21.21	0.1321
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	22.09	21.03	0.1268
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	20.56	19.5	0.0891
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	20.38	19.32	0.0855
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	20.29	19.23	0.0838
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	18.45	17.39	0.0548
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	18.28	17.22	0.0527
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	18.14	17.08	0.0511
77	30	80	649334	3740.01	CP-OFDM QPSK	109@54	21.42	20.36	0.1086
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	21.38	20.32	0.1076
77	30	80	649334	3740.01	CP-OFDM QPSK	1@215	21.25	20.19	0.1045
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	108@54	23.51	22.45	0.1758
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.43	22.37	0.1726
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@215	23.28	22.22	0.1667
77	30	80	656000	3840	DFT-s-OFDM QPSK	108@54	23.51	22.45	0.1758
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	23.47	22.41	0.1742
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@215	23.28	22.22	0.1667
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	108@54	22.46	21.4	0.1380
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.51	21.45	0.1396
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@215	22.46	21.4	0.1380
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	108@54	20.94	19.88	0.0973
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.66	19.6	0.0912
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@215	20.76	19.7	0.0933
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	108@54	18.91	17.85	0.0610
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.64	17.58	0.0573
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@215	18.6	17.54	0.0568
77	30	80	656000	3840	CP-OFDM QPSK	109@54	21.87	20.81	0.1205

77	30	80	656000	3840	CP-OFDM QPSK	1@1	21.81	20.75	0.1189
77	30	80	656000	3840	CP-OFDM QPSK	1@215	21.65	20.59	0.1146
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	108@54	23.31	22.25	0.1679
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@1	23.23	22.17	0.1648
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@215	23.09	22.03	0.1596
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	108@54	23.26	22.2	0.1660
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	23.35	22.29	0.1694
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@215	23.21	22.15	0.1641
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	108@54	22.19	21.13	0.1297
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	22.57	21.51	0.1416
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@215	22.48	21.42	0.1387
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	108@54	20.77	19.71	0.0935
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@1	20.66	19.6	0.0912
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@215	20.53	19.47	0.0885
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	108@54	18.73	17.67	0.0585
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@1	18.57	17.51	0.0564
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@215	18.46	17.4	0.0550
77	30	80	662666	3939.99	CP-OFDM QPSK	109@54	21.68	20.62	0.1153
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	21.77	20.71	0.1178
77	30	80	662666	3939.99	CP-OFDM QPSK	1@215	21.6	20.54	0.1132
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	23.23	22.17	0.1648
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.26	22.2	0.1660
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	23.39	22.33	0.1710
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	23.2	22.14	0.1637
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	23.25	22.19	0.1656
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	23.39	22.33	0.1710
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	22.21	21.15	0.1303
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.5	21.44	0.1393
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	22.69	21.63	0.1455
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.72	19.66	0.0925
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.56	19.5	0.0891
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	20.64	19.58	0.0908

77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.67	17.61	0.0577
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.54	17.48	0.0560
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	18.69	17.63	0.0579
77	30	100	650000	3750	CP-OFDM QPSK	137@68	21.71	20.65	0.1161
77	30	100	650000	3750	CP-OFDM QPSK	1@1	21.75	20.69	0.1172
77	30	100	650000	3750	CP-OFDM QPSK	1@271	21.74	20.68	0.1169
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	23.46	22.4	0.1738
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.3	22.24	0.1675
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	23.44	22.38	0.1730
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	23.44	22.38	0.1730
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	23.25	22.19	0.1656
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	23.31	22.25	0.1679
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	22.41	21.35	0.1365
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.51	21.45	0.1396
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	22.61	21.55	0.1429
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	20.95	19.89	0.0975
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.53	19.47	0.0885
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	20.66	19.6	0.0912
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	18.94	17.88	0.0614
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.52	17.46	0.0557
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	18.82	17.76	0.0597
77	30	100	656000	3840	CP-OFDM QPSK	137@68	21.9	20.84	0.1213
77	30	100	656000	3840	CP-OFDM QPSK	1@1	21.8	20.74	0.1186
77	30	100	656000	3840	CP-OFDM QPSK	1@271	21.74	20.68	0.1169
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	23.21	22.15	0.1641
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	23.26	22.2	0.1660
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	23.24	22.18	0.1652
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	23.24	22.18	0.1652
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	23.35	22.29	0.1694
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	23.29	22.23	0.1671
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	22.29	21.23	0.1327
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	22.43	21.37	0.1371

77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	22.43	21.37	0.1371
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	20.81	19.75	0.0944
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	20.54	19.48	0.0887
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	20.52	19.46	0.0883
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	18.86	17.8	0.0603
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	18.67	17.61	0.0577
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	18.62	17.56	0.0570
77	30	100	662000	3930	CP-OFDM QPSK	137@68	21.82	20.76	0.1191
77	30	100	662000	3930	CP-OFDM QPSK	1@1	21.82	20.76	0.1191
77	30	100	662000	3930	CP-OFDM QPSK	1@271	21.64	20.58	0.1143

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	26.16	25.1	0.3236
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	26.28	25.22	0.3327
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	26.37	25.31	0.3396
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	26.23	25.17	0.3289
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.31	25.25	0.3350
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	26.38	25.32	0.3404
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	25.41	24.35	0.2723
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.25	24.19	0.2624
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	25.15	24.09	0.2564
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	23.93	22.87	0.1936
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	23.65	22.59	0.1816
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	23.95	22.89	0.1945
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	21.91	20.85	0.1216
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	21.65	20.59	0.1146
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	21.77	20.71	0.1178
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	24.95	23.89	0.2449
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.93	23.87	0.2438
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	24.81	23.75	0.2371
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	26.31	25.25	0.3350
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.41	25.35	0.3428
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	26.29	25.23	0.3334
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	26.37	25.31	0.3396
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.47	25.41	0.3475
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	26.34	25.28	0.3373
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	25.41	24.35	0.2723
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.58	24.52	0.2831
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	25.44	24.38	0.2742
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	23.78	22.72	0.1871
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.9	22.84	0.1923

78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	23.92	22.86	0.1932
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	21.7	20.64	0.1159
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.76	20.7	0.1175
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	21.52	20.46	0.1112
78	30	20	650000	3750	CP-OFDM QPSK	25@12	24.83	23.77	0.2382
78	30	20	650000	3750	CP-OFDM QPSK	1@1	24.93	23.87	0.2438
78	30	20	650000	3750	CP-OFDM QPSK	1@49	24.86	23.8	0.2399
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	26.49	25.43	0.3491
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	26.42	25.36	0.3436
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	26.47	25.41	0.3475
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	26.4	25.34	0.3420
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.47	25.41	0.3475
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	26.52	25.46	0.3516
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	25.41	24.35	0.2723
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.61	24.55	0.2851
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	25.64	24.58	0.2871
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	23.96	22.9	0.1950
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	23.89	22.83	0.1919
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	23.75	22.69	0.1858
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	21.85	20.79	0.1199
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	21.82	20.76	0.1191
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	21.82	20.76	0.1191
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	24.93	23.87	0.2438
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	24.94	23.88	0.2443
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	24.89	23.83	0.2415
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	26.49	25.43	0.3491
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	26.56	25.5	0.3548
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	26.54	25.48	0.3532
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	26.5	25.44	0.3499
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	26.6	25.54	0.3581
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	26.55	25.49	0.3540
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	25.52	24.46	0.2793

78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.93	24.87	0.3069
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	25.71	24.65	0.2917
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	24.1	23.04	0.2014
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	23.96	22.9	0.1950
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	23.93	22.87	0.1936
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	22.02	20.96	0.1247
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	21.98	20.92	0.1236
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	21.83	20.77	0.1194
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	24.99	23.93	0.2472
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	25.05	23.99	0.2506
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	24.87	23.81	0.2404
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	36@18	26.36	25.3	0.3388
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.31	25.25	0.3350
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@76	26.35	25.29	0.3381
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	26.37	25.31	0.3396
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.4	25.34	0.3420
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	26.36	25.3	0.3388
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	25.27	24.21	0.2636
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.61	24.55	0.2851
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	25.59	24.53	0.2838
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	36@18	23.86	22.8	0.1905
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.61	22.55	0.1799
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@76	23.63	22.57	0.1807
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	36@18	21.85	20.79	0.1199
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.73	20.67	0.1167
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@76	21.78	20.72	0.1180
78	30	30	650000	3750	CP-OFDM QPSK	39@19	24.92	23.86	0.2432
78	30	30	650000	3750	CP-OFDM QPSK	1@1	24.8	23.74	0.2366
78	30	30	650000	3750	CP-OFDM QPSK	1@76	24.68	23.62	0.2301
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	36@18	26.51	25.45	0.3508
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	26.4	25.34	0.3420
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@76	26.58	25.52	0.3565

78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	26.45	25.39	0.3459
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	26.45	25.39	0.3459
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	26.56	25.5	0.3548
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	25.53	24.47	0.2799
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	25.6	24.54	0.2844
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	25.8	24.74	0.2979
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	36@18	23.92	22.86	0.1932
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@1	23.82	22.76	0.1888
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@76	23.78	22.72	0.1871
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	36@18	21.92	20.86	0.1219
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@1	21.72	20.66	0.1164
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@76	21.94	20.88	0.1225
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	24.93	23.87	0.2438
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	24.89	23.83	0.2415
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	24.89	23.83	0.2415
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	26.54	25.48	0.3532
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	26.6	25.54	0.3581
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	26.46	25.4	0.3467
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	26.58	25.52	0.3565
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.7	25.64	0.3664
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	26.53	25.47	0.3524
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	25.52	24.46	0.2793
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.93	24.87	0.3069
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	25.55	24.49	0.2812
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	24.08	23.02	0.2004
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	24.03	22.97	0.1982
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	23.84	22.78	0.1897
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	22.01	20.95	0.1245
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	22.05	20.99	0.1256
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	21.85	20.79	0.1199
78	30	40	648000	3720	CP-OFDM QPSK	53@26	25.01	23.95	0.2483
78	30	40	648000	3720	CP-OFDM QPSK	1@1	25	23.94	0.2477

78	30	40	648000	3720	CP-OFDM QPSK	1@104	24.86	23.8	0.2399
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	26.36	25.3	0.3388
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.41	25.35	0.3428
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	26.4	25.34	0.3420
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	26.44	25.38	0.3451
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.45	25.39	0.3459
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	26.48	25.42	0.3483
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	25.36	24.3	0.2692
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.66	24.6	0.2884
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	25.6	24.54	0.2844
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	23.85	22.79	0.1901
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.78	22.72	0.1871
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	23.85	22.79	0.1901
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	21.86	20.8	0.1202
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.88	20.82	0.1208
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	21.77	20.71	0.1178
78	30	40	650000	3750	CP-OFDM QPSK	53@26	24.87	23.81	0.2404
78	30	40	650000	3750	CP-OFDM QPSK	1@1	24.95	23.89	0.2449
78	30	40	650000	3750	CP-OFDM QPSK	1@104	24.89	23.83	0.2415
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	26.53	25.47	0.3524
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	26.6	25.54	0.3581
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	26.57	25.51	0.3556
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	26.39	25.33	0.3412
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.5	25.44	0.3499
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	26.7	25.64	0.3664
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	25.44	24.38	0.2742
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.69	24.63	0.2904
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	25.76	24.7	0.2951
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	23.98	22.92	0.1959
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	23.87	22.81	0.1910
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	23.94	22.88	0.1941
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	21.89	20.83	0.1211

78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	21.83	20.77	0.1194
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	21.97	20.91	0.1233
78	30	40	652000	3780	CP-OFDM QPSK	53@26	24.88	23.82	0.2410
78	30	40	652000	3780	CP-OFDM QPSK	1@1	24.93	23.87	0.2438
78	30	40	652000	3780	CP-OFDM QPSK	1@104	25.05	23.99	0.2506
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	26.17	25.11	0.3243
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	26.2	25.14	0.3266
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	26.04	24.98	0.3148
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	26.12	25.06	0.3206
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.32	25.26	0.3357
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	26.11	25.05	0.3199
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	25.16	24.1	0.2570
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.36	24.3	0.2692
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	25.33	24.27	0.2673
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	23.64	22.58	0.1811
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.51	22.45	0.1758
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	23.49	22.43	0.1750
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	21.68	20.62	0.1153
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.57	20.51	0.1125
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	21.39	20.33	0.1079
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	24.62	23.56	0.2270
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	24.72	23.66	0.2323
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	24.63	23.57	0.2275
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	26.1	25.04	0.3192
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.04	24.98	0.3148
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	26.01	24.95	0.3126
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	26.15	25.09	0.3228
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.14	25.08	0.3221
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	26.09	25.03	0.3184
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	25.15	24.09	0.2564
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.28	24.22	0.2642
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	25.29	24.23	0.2649

78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	23.74	22.68	0.1854
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.6	22.54	0.1795
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	23.4	22.34	0.1714
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	21.57	20.51	0.1125
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.44	20.38	0.1091
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	21.45	20.39	0.1094
78	30	50	650000	3750	CP-OFDM QPSK	67@33	24.62	23.56	0.2270
78	30	50	650000	3750	CP-OFDM QPSK	1@1	24.54	23.48	0.2228
78	30	50	650000	3750	CP-OFDM QPSK	1@131	24.42	23.36	0.2168
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	26.26	25.2	0.3311
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	26.14	25.08	0.3221
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	26.21	25.15	0.3273
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	26.17	25.11	0.3243
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	26.26	25.2	0.3311
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	26.29	25.23	0.3334
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	25.13	24.07	0.2553
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.44	24.38	0.2742
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	25.35	24.29	0.2685
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	23.64	22.58	0.1811
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	23.62	22.56	0.1803
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	23.57	22.51	0.1782
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	21.69	20.63	0.1156
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	21.6	20.54	0.1132
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	21.56	20.5	0.1122
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	24.65	23.59	0.2286
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	24.65	23.59	0.2286
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	24.65	23.59	0.2286
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	26.33	25.27	0.3365
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	26.44	25.38	0.3451
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	26.99	25.93	0.3917
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	26.36	25.3	0.3388
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	26.62	25.56	0.3597

78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	26.95	25.89	0.3882
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	25.35	24.29	0.2685
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.83	24.77	0.2999
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	26.53	25.47	0.3524
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	23.83	22.77	0.1892
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	24.05	22.99	0.1991
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	24.44	23.38	0.2178
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	21.85	20.79	0.1199
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	21.95	20.89	0.1227
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	22.47	21.41	0.1384
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	24.79	23.73	0.2360
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	24.97	23.91	0.2460
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	25.55	24.49	0.2812
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	26.1	25.04	0.3192
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.41	25.35	0.3428
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	26.97	25.91	0.3899
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	26.2	25.14	0.3266
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	26.41	25.35	0.3428
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	26.97	25.91	0.3899
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	25.11	24.05	0.2541
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.8	24.74	0.2979
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	26.47	25.41	0.3475
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	23.74	22.68	0.1854
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.72	22.66	0.1845
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	24.3	23.24	0.2109
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	21.69	20.63	0.1156
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.63	20.57	0.1140
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	22.33	21.27	0.1340
78	30	60	650000	3750	CP-OFDM QPSK	81@40	24.66	23.6	0.2291
78	30	60	650000	3750	CP-OFDM QPSK	1@1	24.86	23.8	0.2399
78	30	60	650000	3750	CP-OFDM QPSK	1@160	25.43	24.37	0.2735
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	26.23	25.17	0.3289

78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	26.34	25.28	0.3373
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	26.96	25.9	0.3890
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	26.12	25.06	0.3206
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	26.38	25.32	0.3404
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	26.95	25.89	0.3882
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	25.1	24.04	0.2535
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	25.8	24.74	0.2979
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	26.44	25.38	0.3451
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	23.7	22.64	0.1837
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	23.7	22.64	0.1837
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	24.64	23.58	0.2280
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	21.69	20.63	0.1156
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	21.71	20.65	0.1161
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	22.59	21.53	0.1422
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	24.59	23.53	0.2254
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	24.89	23.83	0.2415
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	25.56	24.5	0.2818
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	26	24.94	0.3119
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	26.13	25.07	0.3214
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	25.92	24.86	0.3062
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	26.06	25	0.3162
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	26.08	25.02	0.3177
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	26	24.94	0.3119
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	25.09	24.03	0.2529
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	25.24	24.18	0.2618
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	25.07	24.01	0.2518
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	23.59	22.53	0.1791
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	23.57	22.51	0.1782
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	23.37	22.31	0.1702
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	21.57	20.51	0.1125
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	21.3	20.24	0.1057
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	21.25	20.19	0.1045

78	30	70	649000	3735	CP-OFDM QPSK	95@47	24.53	23.47	0.2223
78	30	70	649000	3735	CP-OFDM QPSK	1@1	24.67	23.61	0.2296
78	30	70	649000	3735	CP-OFDM QPSK	1@187	24.51	23.45	0.2213
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	26.17	25.11	0.3243
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.15	25.09	0.3228
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	26.05	24.99	0.3155
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	26.19	25.13	0.3258
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	26.12	25.06	0.3206
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	26.07	25.01	0.3170
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	25.19	24.13	0.2588
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.41	24.35	0.2723
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	25.29	24.23	0.2649
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	23.73	22.67	0.1849
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.59	22.53	0.1791
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	23.5	22.44	0.1754
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	21.46	20.4	0.1096
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.48	20.42	0.1102
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	21.29	20.23	0.1054
78	30	70	650000	3750	CP-OFDM QPSK	95@47	24.55	23.49	0.2234
78	30	70	650000	3750	CP-OFDM QPSK	1@1	24.55	23.49	0.2234
78	30	70	650000	3750	CP-OFDM QPSK	1@187	24.53	23.47	0.2223
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	26.21	25.15	0.3273
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	26.17	25.11	0.3243
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	26.21	25.15	0.3273
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	26.22	25.16	0.3281
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	26.29	25.23	0.3334
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	26.29	25.23	0.3334
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	25.29	24.23	0.2649
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	25.39	24.33	0.2710
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	25.37	24.31	0.2698
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	23.89	22.83	0.1919
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	23.63	22.57	0.1807

78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	23.66	22.6	0.1820
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	21.73	20.67	0.1167
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	21.65	20.59	0.1146
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	21.68	20.62	0.1153
78	30	70	651000	3765	CP-OFDM QPSK	95@47	24.76	23.7	0.2344
78	30	70	651000	3765	CP-OFDM QPSK	1@1	24.77	23.71	0.2350
78	30	70	651000	3765	CP-OFDM QPSK	1@187	24.89	23.83	0.2415
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	25.95	24.89	0.3083
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.9	0.3090
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	25.91	24.85	0.3055
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	26.02	24.96	0.3133
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	26.05	24.99	0.3155
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	26.01	24.95	0.3126
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	25.07	24.01	0.2518
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.14	24.08	0.2559
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	25.15	24.09	0.2564
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	23.59	22.53	0.1791
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	23.48	22.42	0.1746
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	23.4	22.34	0.1714
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	21.46	20.4	0.1096
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	21.2	20.14	0.1033
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	21.46	20.4	0.1096
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	24.52	23.46	0.2218
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	24.56	23.5	0.2239
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	24.43	23.37	0.2173
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	26.04	24.98	0.3148
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.9	0.3090
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	25.92	24.86	0.3062
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	26.07	25.01	0.3170
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	26.05	24.99	0.3155
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	26.04	24.98	0.3148
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	25.12	24.06	0.2547

78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.22	24.16	0.2606
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	25.17	24.11	0.2576
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	23.58	22.52	0.1786
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.55	22.49	0.1774
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	23.44	22.38	0.1730
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	21.5	20.44	0.1107
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.22	20.16	0.1038
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	21.2	20.14	0.1033
78	30	80	650000	3750	CP-OFDM QPSK	109@54	24.58	23.52	0.2249
78	30	80	650000	3750	CP-OFDM QPSK	1@1	24.57	23.51	0.2244
78	30	80	650000	3750	CP-OFDM QPSK	1@215	24.45	23.39	0.2183
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	26.02	24.96	0.3133
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.9	0.3090
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	25.97	24.91	0.3097
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	26.01	24.95	0.3126
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	26.06	25	0.3162
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	26.11	25.05	0.3199
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	25.05	23.99	0.2506
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	25.14	24.08	0.2559
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	25.26	24.2	0.2630
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	23.61	22.55	0.1799
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	23.49	22.43	0.1750
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	23.6	22.54	0.1795
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	21.49	20.43	0.1104
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	21.26	20.2	0.1047
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	21.47	20.41	0.1099
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	24.58	23.52	0.2249
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	24.52	23.46	0.2218
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	24.52	23.46	0.2218
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	26.19	25.13	0.3258
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	26.13	25.07	0.3214
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	26.25	25.19	0.3304

78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	26.29	25.23	0.3334
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	26.24	25.18	0.3296
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	26.31	25.25	0.3350
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	25.35	24.29	0.2685
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	25.34	24.28	0.2679
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	25.44	24.38	0.2742
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	23.96	22.9	0.1950
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	23.62	22.56	0.1803
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	23.64	22.58	0.1811
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	21.78	20.72	0.1180
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	21.57	20.51	0.1125
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	21.75	20.69	0.1172
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	24.82	23.76	0.2377
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	24.67	23.61	0.2296
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	24.66	23.6	0.2291
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	26.07	25.01	0.3170
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.04	24.98	0.3148
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	26.03	24.97	0.3141
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	26.06	25	0.3162
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26.16	25.1	0.3236
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	26.14	25.08	0.3221
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	25.13	24.07	0.2553
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.18	24.12	0.2582
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	25.24	24.18	0.2618
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	23.61	22.55	0.1799
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.4	22.34	0.1714
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	23.61	22.55	0.1799
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	21.47	20.41	0.1099
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.39	20.33	0.1079
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	21.43	20.37	0.1089
78	30	90	650000	3750	CP-OFDM QPSK	123@61	24.57	23.51	0.2244
78	30	90	650000	3750	CP-OFDM QPSK	1@1	24.37	23.31	0.2143

78	30	90	650000	3750	CP-OFDM QPSK	1@243	24.48	23.42	0.2198
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	26.18	25.12	0.3251
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	26.05	24.99	0.3155
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	26.18	25.12	0.3251
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	26.19	25.13	0.3258
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.15	25.09	0.3228
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	26.27	25.21	0.3319
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	25.1	24.04	0.2535
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	25.39	24.33	0.2710
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	25.49	24.43	0.2773
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	23.67	22.61	0.1824
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	23.66	22.6	0.1820
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	23.74	22.68	0.1854
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	21.54	20.48	0.1117
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	21.36	20.3	0.1072
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	21.51	20.45	0.1109
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	24.57	23.51	0.2244
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	24.47	23.41	0.2193
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	24.49	23.43	0.2203
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.97	24.91	0.3097
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.93	24.87	0.3069
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.06	25	0.3162
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26	24.94	0.3119
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.97	24.91	0.3097
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.14	25.08	0.3221
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.05	23.99	0.2506
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.09	24.03	0.2529
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.29	24.23	0.2649
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.62	22.56	0.1803
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.44	22.38	0.1730
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.63	22.57	0.1807
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.66	20.6	0.1148

78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.31	20.25	0.1059
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.54	20.48	0.1117
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.5	23.44	0.2208
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.48	23.42	0.2198
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.49	23.43	0.2203

Radiated Spurious Emission

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

SA n77 / 100MHz / QPSK / AN3								
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)
Lowest	7416	-61.65	-13	-48.65	-72.13	2.76	13.24	H
	11112	-59.65	-13	-46.65	-69.24	3.42	13.01	H
	14820	-59.48	-13	-46.48	-69.09	3.83	13.44	H
	7416	-62.16	-13	-49.16	-72.60	2.80	13.24	V
	11112	-59.89	-13	-46.89	-69.44	3.46	13.01	V
	14820	-58.92	-13	-45.92	-68.48	3.88	13.44	V
Middle	7590	-63.86	-13	-50.86	-74.34	2.76	13.24	H
	11385	-61.97	-13	-48.97	-71.56	3.42	13.01	H
	15180	-60.42	-13	-47.42	-70.03	3.83	13.44	H
	7584	-63.96	-13	-50.96	-74.40	2.80	13.24	V
	11385	-61.98	-13	-48.98	-71.53	3.46	13.01	V
	15180	-60.21	-13	-47.21	-69.77	3.88	13.44	V
Highest	7764	-60.09	-13	-47.09	-70.57	2.76	13.24	H
	11652	-58.45	-13	-45.45	-68.04	3.42	13.01	H
	15540	-59.37	-13	-46.37	-68.98	3.83	13.44	H
	7764	-61.20	-13	-48.20	-71.64	2.80	13.24	V
	11652	-60.25	-13	-47.25	-69.80	3.46	13.01	V
	15540	-59.46	-13	-46.46	-69.02	3.88	13.44	V

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

SA n78 / 100MHz / QPSK / AN3								
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	7416	-64.12	-13	-51.12	-74.60	2.76	13.24	H
	11115	-61.40	-13	-48.40	-70.99	3.42	13.01	H
	14820	-60.61	-13	-47.61	-70.22	3.83	13.44	H
	7410	-64.18	-13	-51.18	-74.62	2.80	13.24	V
	11115	-61.28	-13	-48.28	-70.83	3.46	13.01	V
	14820	-60.56	-13	-47.56	-70.12	3.88	13.44	V

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

EN-DC_2A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT3(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	7416	-64.13	-13	-51.13	-74.61	2.76	13.24	H
	11115	-61.50	-13	-48.50	-71.09	3.42	13.01	H
	14820	-60.52	-13	-47.52	-70.13	3.83	13.44	H
	7410	-64.21	-13	-51.21	-74.65	2.80	13.24	V
	11115	-61.38	-13	-48.38	-70.93	3.46	13.01	V
	14820	-60.59	-13	-47.59	-70.15	3.88	13.44	V

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

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT3(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	7416	-64.22	-13	-51.22	-74.70	2.76	13.24	H
	11115	-61.04	-13	-48.04	-70.63	3.42	13.01	H
	14820	-60.72	-13	-47.72	-70.33	3.83	13.44	H
	7410	-64.10	-13	-51.10	-74.54	2.80	13.24	V
	11115	-61.48	-13	-48.48	-71.03	3.46	13.01	V
	14820	-60.78	-13	-47.78	-70.34	3.88	13.44	V

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