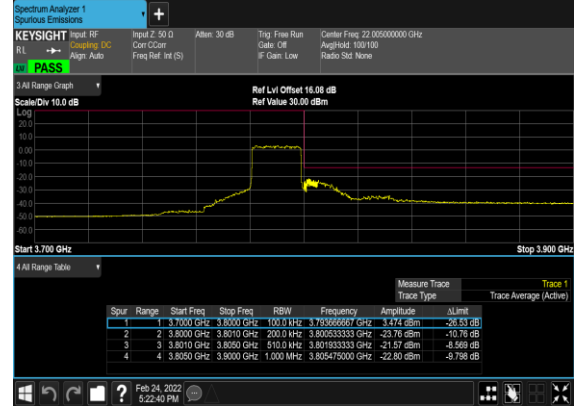


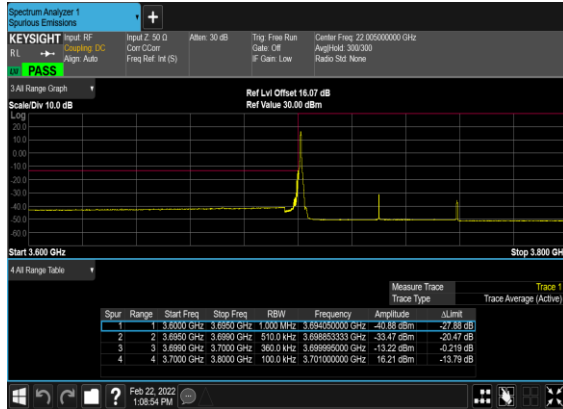
### N78(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



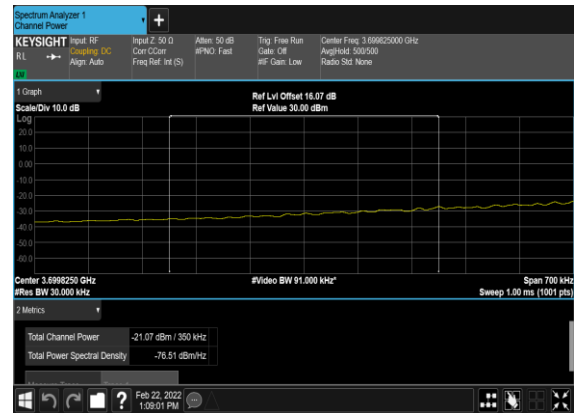
### N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



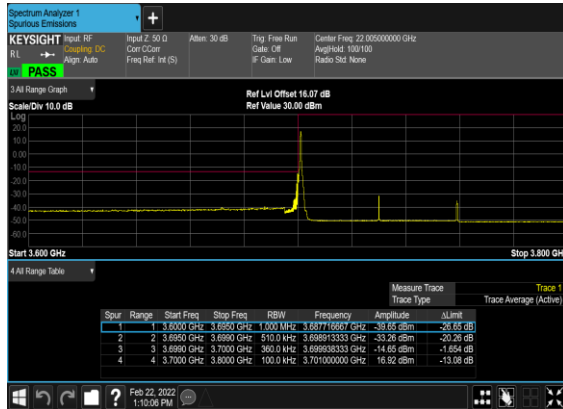
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



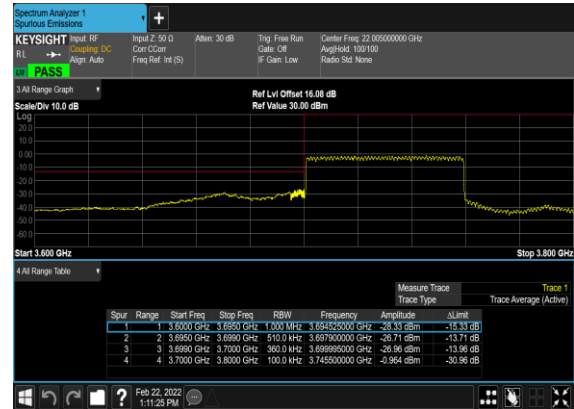
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



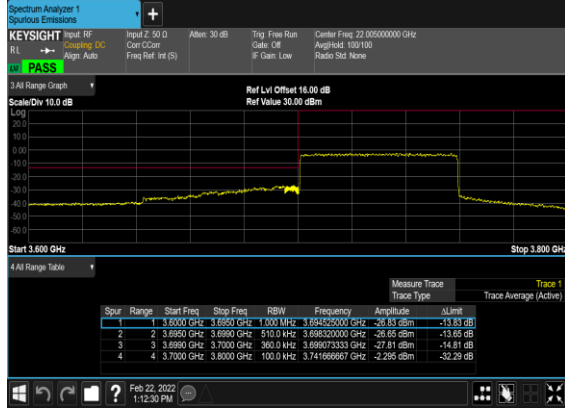
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



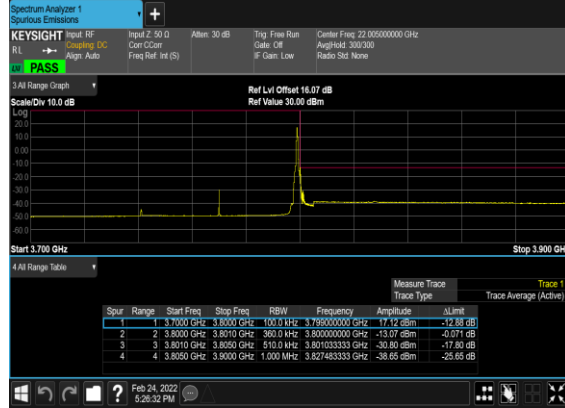
### N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



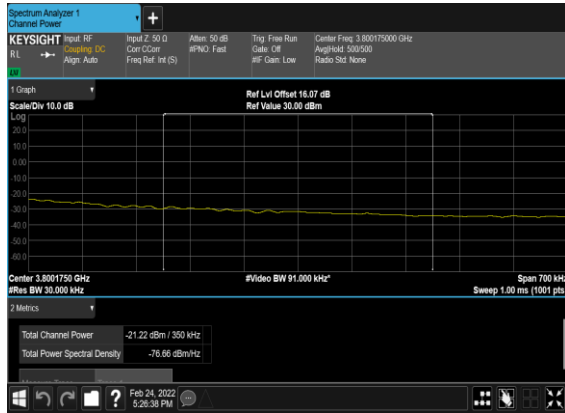
N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



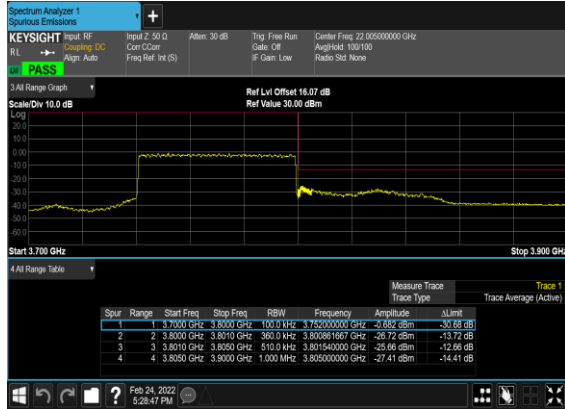
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_PASS



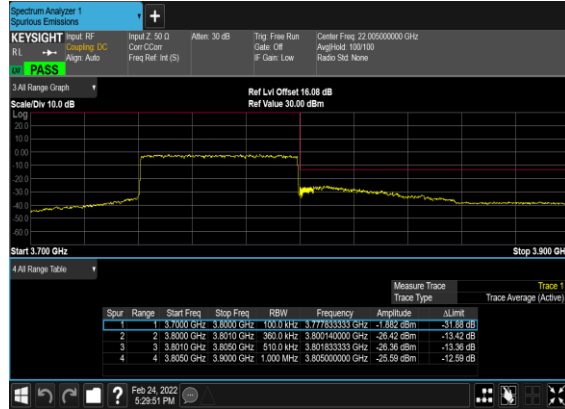
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



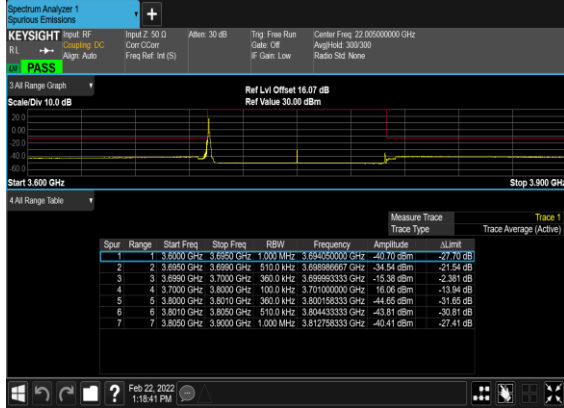
N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



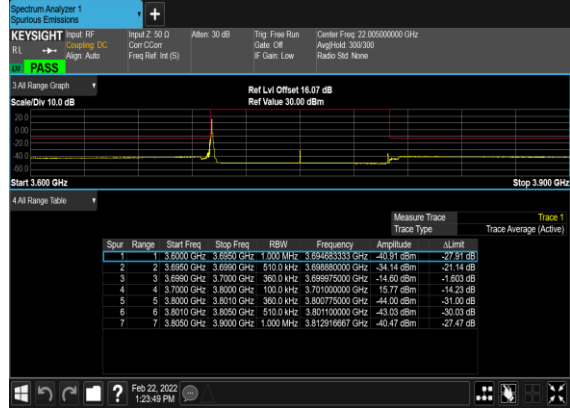
N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



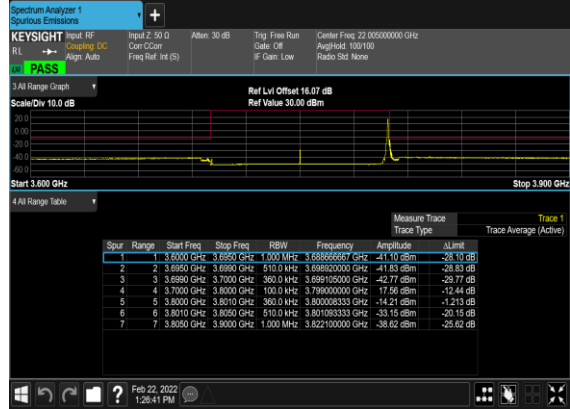
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



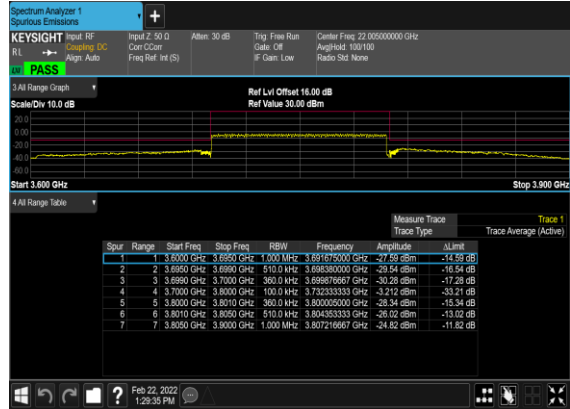
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



### 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	SCS	Bandwidth	Arfcn	Freq	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
Band	(kHz)	(MHz)		(MHz)					
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	SCS	Bandwidth	Arfcn	Freq	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
Band	(kHz)	(MHz)		(MHz)					
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.