

N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



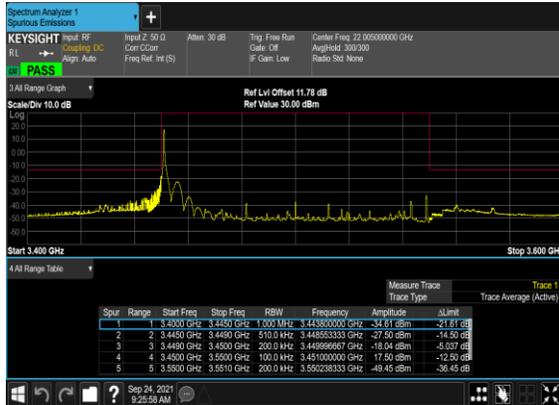
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



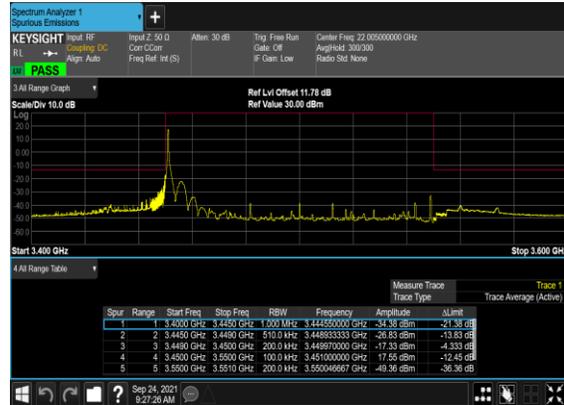
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



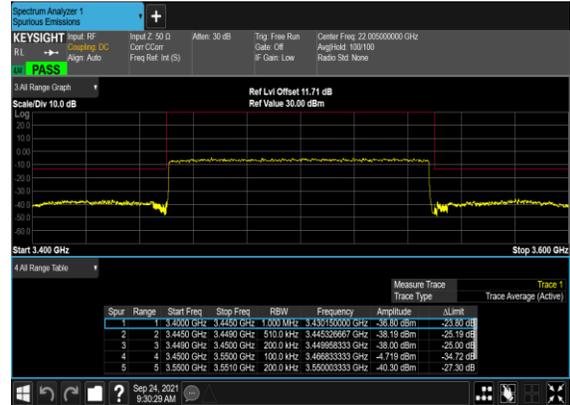
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N78

Transmitter Conducted Output Power and EIRP

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	25@12	24.97	22.4	0.1738
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	24.85	22.28	0.1690
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@49	24.81	22.24	0.1675
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	25	22.43	0.1750
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	24.88	22.31	0.1702
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	24.83	22.26	0.1683
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	24.05	21.48	0.1406
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.01	21.44	0.1393
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	23.94	21.37	0.1371
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	25@12	22.5	19.93	0.0984
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@1	22.41	19.84	0.0964
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@49	22.47	19.9	0.0977
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	25@12	20.54	17.97	0.0627
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@1	20.44	17.87	0.0612
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@49	20.42	17.85	0.0610
78	30	20	630668	3460.02	CP-OFDM QPSK	25@12	23.54	20.97	0.1250
78	30	20	630668	3460.02	CP-OFDM QPSK	1@1	23.51	20.94	0.1242
78	30	20	630668	3460.02	CP-OFDM QPSK	1@49	23.42	20.85	0.1216
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	25@12	24.92	22.35	0.1718

78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.75	22.18	0.1652
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@49	24.67	22.1	0.1622
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	24.92	22.35	0.1718
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.8	22.23	0.1671
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	24.68	22.11	0.1626
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	23.99	21.42	0.1387
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.91	21.34	0.1361
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	23.79	21.22	0.1324
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	25@12	22.45	19.88	0.0973
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.4	19.83	0.0962
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@49	22.28	19.71	0.0935
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	25@12	20.45	17.88	0.0614
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.36	17.79	0.0601
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@49	20.24	17.67	0.0585
78	30	20	633334	3500.01	CP-OFDM QPSK	25@12	23.47	20.9	0.1230
78	30	20	633334	3500.01	CP-OFDM QPSK	1@1	23.36	20.79	0.1199
78	30	20	633334	3500.01	CP-OFDM QPSK	1@49	23.23	20.66	0.1164
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	25@12	24.93	22.36	0.1722
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	24.75	22.18	0.1652
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@49	24.73	22.16	0.1644
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	24.91	22.34	0.1714
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	24.77	22.2	0.1660
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	24.78	22.21	0.1663
78	30	20	636000	3540	DFT-s-OFDM 16	25@12	23.96	21.39	0.1377

QAM									
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	23.88	21.31	0.1352
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	23.98	21.41	0.1384
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	25@12	22.47	19.9	0.0977
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@1	22.25	19.68	0.0929
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@49	22.23	19.66	0.0925
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	25@12	20.42	17.85	0.0610
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@1	20.31	17.74	0.0594
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@49	20.31	17.74	0.0594
78	30	20	636000	3540	CP-OFDM QPSK	25@12	23.44	20.87	0.1222
78	30	20	636000	3540	CP-OFDM QPSK	1@1	23.36	20.79	0.1199
78	30	20	636000	3540	CP-OFDM QPSK	1@49	23.36	20.79	0.1199
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	36@18	25	22.43	0.1750
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	24.78	22.21	0.1663
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@76	24.66	22.09	0.1618
78	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	25.06	22.49	0.1774
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	24.83	22.26	0.1683
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	24.7	22.13	0.1633
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	24.05	21.48	0.1406
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	23.85	21.28	0.1343
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	23.86	21.29	0.1346
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	36@18	22.55	19.98	0.0995
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@1	22.28	19.71	0.0935
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@76	22.23	19.66	0.0925

78	30	30	631000	3465	DFT-s-OFDM 256 QAM	36@18	20.5	17.93	0.0621
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@1	20.34	17.77	0.0598
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@76	20.25	17.68	0.0586
78	30	30	631000	3465	CP-OFDM QPSK	39@19	23.55	20.98	0.1253
78	30	30	631000	3465	CP-OFDM QPSK	1@1	23.36	20.79	0.1199
78	30	30	631000	3465	CP-OFDM QPSK	1@76	23.25	20.68	0.1169
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	36@18	24.97	22.4	0.1738
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.74	22.17	0.1648
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@76	24.53	21.96	0.1570
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	24.95	22.38	0.1730
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.72	22.15	0.1641
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	24.57	22	0.1585
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	23.97	21.4	0.1380
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.83	21.26	0.1337
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	23.75	21.18	0.1312
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	36@18	22.51	19.94	0.0986
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.36	19.79	0.0953
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@76	22.07	19.5	0.0891
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	36@18	20.48	17.91	0.0618
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.26	17.69	0.0587
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@76	20.09	17.52	0.0565
78	30	30	633334	3500.01	CP-OFDM QPSK	39@19	23.5	20.93	0.1239
78	30	30	633334	3500.01	CP-OFDM QPSK	1@1	23.32	20.75	0.1189
78	30	30	633334	3500.01	CP-OFDM QPSK	1@76	23.21	20.64	0.1159

78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	36@18	25.01	22.44	0.1754
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	24.76	22.19	0.1656
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@76	24.63	22.06	0.1607
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	25.04	22.47	0.1766
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	24.73	22.16	0.1644
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	24.61	22.04	0.1600
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	24.05	21.48	0.1406
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	23.85	21.28	0.1343
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	23.74	21.17	0.1309
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	36@18	22.51	19.94	0.0986
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@1	22.09	19.52	0.0895
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@76	21.84	19.27	0.0845
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	36@18	20.48	17.91	0.0618
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@1	20.41	17.84	0.0608
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@76	20.19	17.62	0.0578
78	30	30	635666	3534.99	CP-OFDM QPSK	39@19	23.49	20.92	0.1236
78	30	30	635666	3534.99	CP-OFDM QPSK	1@1	23.31	20.74	0.1186
78	30	30	635666	3534.99	CP-OFDM QPSK	1@76	23.22	20.65	0.1161
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	50@25	25.02	22.45	0.1758
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	24.6	22.03	0.1596
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@104	24.47	21.9	0.1549
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	25.09	22.52	0.1786
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	24.6	22.03	0.1596
78	30	40	631334	3470.01	DFT-s-OFDM	1@104	24.42	21.85	0.1531

QPSK									
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	24.07	21.5	0.1413
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	23.72	21.15	0.1303
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	23.66	21.09	0.1285
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	50@25	22.56	19.99	0.0998
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@1	22.11	19.54	0.0899
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@104	21.92	19.35	0.0861
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	50@25	20.55	17.98	0.0628
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@1	20.14	17.57	0.0571
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@104	20.02	17.45	0.0556
78	30	40	631334	3470.01	CP-OFDM QPSK	53@26	23.53	20.96	0.1247
78	30	40	631334	3470.01	CP-OFDM QPSK	1@1	23.15	20.58	0.1143
78	30	40	631334	3470.01	CP-OFDM QPSK	1@104	22.97	20.4	0.1096
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@25	24.99	22.42	0.1746
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.56	21.99	0.1581
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@104	24.34	21.77	0.1503
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	24.99	22.42	0.1746
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.56	21.99	0.1581
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	24.36	21.79	0.1510
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	23.99	21.42	0.1387
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.68	21.11	0.1291
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	23.61	21.04	0.1271
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	50@25	22.48	19.91	0.0979
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.17	19.6	0.0912

78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@104	22.03	19.46	0.0883
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	50@25	20.53	17.96	0.0625
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.22	17.65	0.0582
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@104	20.08	17.51	0.0564
78	30	40	633334	3500.01	CP-OFDM QPSK	53@26	23.5	20.93	0.1239
78	30	40	633334	3500.01	CP-OFDM QPSK	1@1	23.17	20.6	0.1148
78	30	40	633334	3500.01	CP-OFDM QPSK	1@104	22.96	20.39	0.1094
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	50@25	24.95	22.38	0.1730
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	24.51	21.94	0.1563
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@104	24.39	21.82	0.1521
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	25	22.43	0.1750
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	24.53	21.96	0.1570
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	24.39	21.82	0.1521
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	24.04	21.47	0.1403
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	23.72	21.15	0.1303
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	23.53	20.96	0.1247
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	50@25	22.46	19.89	0.0975
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@1	22.16	19.59	0.0910
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@104	22.03	19.46	0.0883
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	50@25	20.48	17.91	0.0618
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@1	20.11	17.54	0.0568
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@104	19.96	17.39	0.0548
78	30	40	635332	3529.98	CP-OFDM QPSK	53@26	23.48	20.91	0.1233
78	30	40	635332	3529.98	CP-OFDM QPSK	1@1	23.09	20.52	0.1127

78	30	40	635332	3529.98	CP-OFDM QPSK	1@104	22.97	20.4	0.1096
78	30	50	631668	3475.02	DFT-s- OFDM PI/2 BPSK	64@32	25.1	22.53	0.1791
78	30	50	631668	3475.02	DFT-s- OFDM PI/2 BPSK	1@1	24.84	22.27	0.1687
78	30	50	631668	3475.02	DFT-s- OFDM PI/2 BPSK	1@131	24.66	22.09	0.1618
78	30	50	631668	3475.02	DFT-s- OFDM QPSK	64@32	25.11	22.54	0.1795
78	30	50	631668	3475.02	DFT-s- OFDM QPSK	1@1	24.9	22.33	0.1710
78	30	50	631668	3475.02	DFT-s- OFDM QPSK	1@131	24.69	22.12	0.1629
78	30	50	631668	3475.02	DFT-s- OFDM 16 QAM	64@32	24.14	21.57	0.1435
78	30	50	631668	3475.02	DFT-s- OFDM 16 QAM	1@1	24.01	21.44	0.1393
78	30	50	631668	3475.02	DFT-s- OFDM 16 QAM	1@131	23.85	21.28	0.1343
78	30	50	631668	3475.02	DFT-s- OFDM 64 QAM	64@32	22.57	20	0.1000
78	30	50	631668	3475.02	DFT-s- OFDM 64 QAM	1@1	22.34	19.77	0.0948
78	30	50	631668	3475.02	DFT-s- OFDM 64 QAM	1@131	22.15	19.58	0.0908
78	30	50	631668	3475.02	DFT-s- OFDM 256 QAM	64@32	20.57	18	0.0631
78	30	50	631668	3475.02	DFT-s- OFDM 256 QAM	1@1	20.44	17.87	0.0612
78	30	50	631668	3475.02	DFT-s- OFDM 256 QAM	1@131	20.26	17.69	0.0587
78	30	50	631668	3475.02	CP-OFDM QPSK	67@33	23.58	21.01	0.1262
78	30	50	631668	3475.02	CP-OFDM QPSK	1@1	23.47	20.9	0.1230
78	30	50	631668	3475.02	CP-OFDM QPSK	1@131	23.29	20.72	0.1180
78	30	50	633334	3500.01	DFT-s- OFDM PI/2 BPSK	64@32	25.04	22.47	0.1766
78	30	50	633334	3500.01	DFT-s- OFDM PI/2 BPSK	1@1	24.84	22.27	0.1687
78	30	50	633334	3500.01	DFT-s- OFDM PI/2 BPSK	1@131	24.64	22.07	0.1611
78	30	50	633334	3500.01	DFT-s- OFDM QPSK	64@32	25	22.43	0.1750
78	30	50	633334	3500.01	DFT-s- OFDM QPSK	1@1	24.83	22.26	0.1683

78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	24.65	22.08	0.1614
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	24.06	21.49	0.1409
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.03	21.46	0.1400
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	23.76	21.19	0.1315
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	64@32	22.5	19.93	0.0984
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.45	19.88	0.0973
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@131	22.25	19.68	0.0929
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	64@32	20.53	17.96	0.0625
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.42	17.85	0.0610
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@131	20.24	17.67	0.0585
78	30	50	633334	3500.01	CP-OFDM QPSK	67@33	23.52	20.95	0.1245
78	30	50	633334	3500.01	CP-OFDM QPSK	1@1	23.42	20.85	0.1216
78	30	50	633334	3500.01	CP-OFDM QPSK	1@131	23.24	20.67	0.1167
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	64@32	25.06	22.49	0.1774
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	24.84	22.27	0.1687
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@131	24.69	22.12	0.1629
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	25.01	22.44	0.1754
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	24.86	22.29	0.1694
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	24.62	22.05	0.1603
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	24.04	21.47	0.1403
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	23.95	21.38	0.1374
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	23.78	21.21	0.1321
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	64@32	22.49	19.92	0.0982
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	22.43	19.86	0.0968

QAM									
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@131	22.1	19.53	0.0897
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	64@32	20.51	17.94	0.0622
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	20.44	17.87	0.0612
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@131	20.24	17.67	0.0585
78	30	50	635000	3525	CP-OFDM QPSK	67@33	23.5	20.93	0.1239
78	30	50	635000	3525	CP-OFDM QPSK	1@1	23.41	20.84	0.1213
78	30	50	635000	3525	CP-OFDM QPSK	1@131	23.22	20.65	0.1161
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	81@40	25.1	22.53	0.1791
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	24.81	22.24	0.1675
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@160	24.52	21.95	0.1567
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	25.04	22.47	0.1766
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	24.85	22.28	0.1690
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	24.56	21.99	0.1581
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	24.05	21.48	0.1406
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	23.95	21.38	0.1374
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	23.72	21.15	0.1303
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	81@40	22.53	19.96	0.0991
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@1	22.47	19.9	0.0977
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@160	22.21	19.64	0.0920
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	81@40	20.55	17.98	0.0628
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@1	20.33	17.76	0.0597
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@160	20.06	17.49	0.0561
78	30	60	632000	3480	CP-OFDM QPSK	81@40	23.56	20.99	0.1256

78	30	60	632000	3480	CP-OFDM QPSK	1@1	23.44	20.87	0.1222
78	30	60	632000	3480	CP-OFDM QPSK	1@160	23.22	20.65	0.1161
78	30	60	633334	3500.01	DFT-s- OFDM PI/2 BPSK	81@40	24.97	22.4	0.1738
78	30	60	633334	3500.01	DFT-s- OFDM PI/2 BPSK	1@1	24.76	22.19	0.1656
78	30	60	633334	3500.01	DFT-s- OFDM PI/2 BPSK	1@160	24.55	21.98	0.1578
78	30	60	633334	3500.01	DFT-s- OFDM QPSK	81@40	25.02	22.45	0.1758
78	30	60	633334	3500.01	DFT-s- OFDM QPSK	1@1	24.79	22.22	0.1667
78	30	60	633334	3500.01	DFT-s- OFDM QPSK	1@160	24.54	21.97	0.1574
78	30	60	633334	3500.01	DFT-s- OFDM 16 QAM	81@40	24.04	21.47	0.1403
78	30	60	633334	3500.01	DFT-s- OFDM 16 QAM	1@1	23.99	21.42	0.1387
78	30	60	633334	3500.01	DFT-s- OFDM 16 QAM	1@160	23.68	21.11	0.1291
78	30	60	633334	3500.01	DFT-s- OFDM 64 QAM	81@40	22.51	19.94	0.0986
78	30	60	633334	3500.01	DFT-s- OFDM 64 QAM	1@1	22.29	19.72	0.0938
78	30	60	633334	3500.01	DFT-s- OFDM 64 QAM	1@160	22.17	19.6	0.0912
78	30	60	633334	3500.01	DFT-s- OFDM 256 QAM	81@40	20.5	17.93	0.0621
78	30	60	633334	3500.01	DFT-s- OFDM 256 QAM	1@1	20.32	17.75	0.0596
78	30	60	633334	3500.01	DFT-s- OFDM 256 QAM	1@160	20.08	17.51	0.0564
78	30	60	633334	3500.01	CP-OFDM QPSK	81@40	23.52	20.95	0.1245
78	30	60	633334	3500.01	CP-OFDM QPSK	1@1	23.35	20.78	0.1197
78	30	60	633334	3500.01	CP-OFDM QPSK	1@160	23.21	20.64	0.1159
78	30	60	634666	3519.99	DFT-s- OFDM PI/2 BPSK	81@40	25	22.43	0.1750
78	30	60	634666	3519.99	DFT-s- OFDM PI/2 BPSK	1@1	24.82	22.25	0.1679
78	30	60	634666	3519.99	DFT-s- OFDM PI/2 BPSK	1@160	24.54	21.97	0.1574
78	30	60	634666	3519.99	DFT-s- OFDM QPSK	81@40	25.03	22.46	0.1762

78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	24.81	22.24	0.1675
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	24.58	22.01	0.1589
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	24.08	21.51	0.1416
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	23.82	21.25	0.1334
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	23.78	21.21	0.1321
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	81@40	22.52	19.95	0.0989
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@1	22.55	19.98	0.0995
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@160	22.03	19.46	0.0883
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	81@40	20.5	17.93	0.0621
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@1	20.29	17.72	0.0592
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@160	20.08	17.51	0.0564
78	30	60	634666	3519.99	CP-OFDM QPSK	81@40	23.53	20.96	0.1247
78	30	60	634666	3519.99	CP-OFDM QPSK	1@1	23.31	20.74	0.1186
78	30	60	634666	3519.99	CP-OFDM QPSK	1@160	23.17	20.6	0.1148
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	90@45	25.06	22.49	0.1774
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	24.8	22.23	0.1671
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@187	24.51	21.94	0.1563
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	25.1	22.53	0.1791
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	24.85	22.28	0.1690
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	24.51	21.94	0.1563
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	24.1	21.53	0.1422
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	23.99	21.42	0.1387
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	23.57	21	0.1259
78	30	70	632334	3485.01	DFT-s-OFDM 64	90@45	22.57	20	0.1000

QAM									
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@1	22.34	19.77	0.0948
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@187	21.98	19.41	0.0873
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	90@45	20.58	18.01	0.0632
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@1	20.47	17.9	0.0617
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@187	20.1	17.53	0.0566
78	30	70	632334	3485.01	CP-OFDM QPSK	95@47	23.6	21.03	0.1268
78	30	70	632334	3485.01	CP-OFDM QPSK	1@1	23.4	20.83	0.1211
78	30	70	632334	3485.01	CP-OFDM QPSK	1@187	23.11	20.54	0.1132
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	90@45	25.04	22.47	0.1766
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.75	22.18	0.1652
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@187	24.49	21.92	0.1556
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	25.05	22.48	0.1770
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.81	22.24	0.1675
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	24.53	21.96	0.1570
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	24.05	21.48	0.1406
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.97	21.4	0.1380
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	23.58	21.01	0.1262
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	90@45	22.54	19.97	0.0993
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.31	19.74	0.0942
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@187	22.12	19.55	0.0902
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	90@45	20.53	17.96	0.0625
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.41	17.84	0.0608
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@187	20.13	17.56	0.0570

78	30	70	633334	3500.01	CP-OFDM QPSK	95@47	23.57	21	0.1259
78	30	70	633334	3500.01	CP-OFDM QPSK	1@1	23.36	20.79	0.1199
78	30	70	633334	3500.01	CP-OFDM QPSK	1@187	23.11	20.54	0.1132
78	30	70	634332	3514.98	DFT-s- OFDM PI/2 BPSK	90@45	25.07	22.5	0.1778
78	30	70	634332	3514.98	DFT-s- OFDM PI/2 BPSK	1@1	24.79	22.22	0.1667
78	30	70	634332	3514.98	DFT-s- OFDM PI/2 BPSK	1@187	24.54	21.97	0.1574
78	30	70	634332	3514.98	DFT-s- OFDM QPSK	90@45	25.11	22.54	0.1795
78	30	70	634332	3514.98	DFT-s- OFDM QPSK	1@1	24.84	22.27	0.1687
78	30	70	634332	3514.98	DFT-s- OFDM QPSK	1@187	24.56	21.99	0.1581
78	30	70	634332	3514.98	DFT-s- OFDM 16 QAM	90@45	24.09	21.52	0.1419
78	30	70	634332	3514.98	DFT-s- OFDM 16 QAM	1@1	23.92	21.35	0.1365
78	30	70	634332	3514.98	DFT-s- OFDM 16 QAM	1@187	23.7	21.13	0.1297
78	30	70	634332	3514.98	DFT-s- OFDM 64 QAM	90@45	22.55	19.98	0.0995
78	30	70	634332	3514.98	DFT-s- OFDM 64 QAM	1@1	22.34	19.77	0.0948
78	30	70	634332	3514.98	DFT-s- OFDM 64 QAM	1@187	22.07	19.5	0.0891
78	30	70	634332	3514.98	DFT-s- OFDM 256 QAM	90@45	20.58	18.01	0.0632
78	30	70	634332	3514.98	DFT-s- OFDM 256 QAM	1@1	20.48	17.91	0.0618
78	30	70	634332	3514.98	DFT-s- OFDM 256 QAM	1@187	20.23	17.66	0.0583
78	30	70	634332	3514.98	CP-OFDM QPSK	95@47	23.62	21.05	0.1274
78	30	70	634332	3514.98	CP-OFDM QPSK	1@1	23.38	20.81	0.1205
78	30	70	634332	3514.98	CP-OFDM QPSK	1@187	23.14	20.57	0.1140
78	30	80	632668	3490.02	DFT-s- OFDM PI/2 BPSK	108@54	25.08	22.51	0.1782
78	30	80	632668	3490.02	DFT-s- OFDM PI/2 BPSK	1@1	24.72	22.15	0.1641
78	30	80	632668	3490.02	DFT-s- OFDM PI/2 BPSK	1@215	24.34	21.77	0.1503

78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	25.12	22.55	0.1799
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	24.72	22.15	0.1641
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	24.39	21.82	0.1521
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	24.11	21.54	0.1426
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	23.9	21.33	0.1358
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	23.49	20.92	0.1236
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	108@54	22.62	20.05	0.1012
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@1	22.35	19.78	0.0951
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@215	22.05	19.48	0.0887
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	108@54	20.61	18.04	0.0637
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@1	20.31	17.74	0.0594
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@215	20.03	17.46	0.0557
78	30	80	632668	3490.02	CP-OFDM QPSK	109@54	23.63	21.06	0.1276
78	30	80	632668	3490.02	CP-OFDM QPSK	1@1	23.22	20.65	0.1161
78	30	80	632668	3490.02	CP-OFDM QPSK	1@215	22.94	20.37	0.1089
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	25.09	22.52	0.1786
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.68	22.11	0.1626
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@215	24.34	21.77	0.1503
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	25.07	22.5	0.1778
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.69	22.12	0.1629
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	24.42	21.85	0.1531
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	24.1	21.53	0.1422
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.76	21.19	0.1315
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	23.52	20.95	0.1245

QAM										
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	108@54	22.58	20.01	0.1002	
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	21.96	19.39	0.0869	
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@215	21.79	19.22	0.0836	
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	108@54	20.6	18.03	0.0635	
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.27	17.7	0.0589	
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@215	20.01	17.44	0.0555	
78	30	80	633334	3500.01	CP-OFDM QPSK	109@54	23.6	21.03	0.1268	
78	30	80	633334	3500.01	CP-OFDM QPSK	1@1	23.26	20.69	0.1172	
78	30	80	633334	3500.01	CP-OFDM QPSK	1@215	22.92	20.35	0.1084	
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	108@54	25.08	22.51	0.1782	
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	24.73	22.16	0.1644	
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@215	24.44	21.87	0.1538	
78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	25.11	22.54	0.1795	
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	24.72	22.15	0.1641	
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	24.42	21.85	0.1531	
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	24.11	21.54	0.1426	
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	23.9	21.33	0.1358	
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	23.48	20.91	0.1233	
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	108@54	22.58	20.01	0.1002	
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@1	22.4	19.83	0.0962	
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@215	21.98	19.41	0.0873	
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	108@54	20.57	18	0.0631	
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@1	20.29	17.72	0.0592	

78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@215	20	17.43	0.0553
78	30	80	634000	3510	CP-OFDM QPSK	109@54	23.6	21.03	0.1268
78	30	80	634000	3510	CP-OFDM QPSK	1@1	23.32	20.75	0.1189
78	30	80	634000	3510	CP-OFDM QPSK	1@215	23.03	20.46	0.1112
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	25.07	22.5	0.1778
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	24.59	22.02	0.1592
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	24.26	21.69	0.1476
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	25.09	22.52	0.1786
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	24.7	22.13	0.1633
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	24.31	21.74	0.1493
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	24.08	21.51	0.1416
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	23.73	21.16	0.1306
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	23.36	20.79	0.1199
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	120@60	22.56	19.99	0.0998
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@1	22.3	19.73	0.0940
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@243	21.93	19.36	0.0863
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	120@60	20.58	18.01	0.0632
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@1	20.26	17.69	0.0587
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@243	19.9	17.33	0.0541
78	30	90	633000	3495	CP-OFDM QPSK	123@61	23.53	20.96	0.1247
78	30	90	633000	3495	CP-OFDM QPSK	1@1	23.16	20.59	0.1146
78	30	90	633000	3495	CP-OFDM QPSK	1@243	22.82	20.25	0.1059
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	25.06	22.49	0.1774
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.63	22.06	0.1607

78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	24.23	21.66	0.1466
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	25.06	22.49	0.1774
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.62	22.05	0.1603
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	24.3	21.73	0.1489
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	24.08	21.51	0.1416
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.71	21.14	0.1300
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	23.45	20.88	0.1225
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	120@60	22.58	20.01	0.1002
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.28	19.71	0.0935
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@243	21.97	19.4	0.0871
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	120@60	20.6	18.03	0.0635
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.21	17.64	0.0581
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@243	19.92	17.35	0.0543
78	30	90	633334	3500.01	CP-OFDM QPSK	123@61	23.52	20.95	0.1245
78	30	90	633334	3500.01	CP-OFDM QPSK	1@1	23.18	20.61	0.1151
78	30	90	633334	3500.01	CP-OFDM QPSK	1@243	22.91	20.34	0.1081
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	25.01	22.44	0.1754
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	24.61	22.04	0.1600
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	24.26	21.69	0.1476
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	25.08	22.51	0.1782
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	24.65	22.08	0.1614
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	24.29	21.72	0.1486
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	24.06	21.49	0.1409
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	23.79	21.22	0.1324

QAM									
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	23.5	20.93	0.1239
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	120@60	22.54	19.97	0.0993
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@1	22.2	19.63	0.0918
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@243	21.96	19.39	0.0869
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	120@60	20.56	17.99	0.0630
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@1	20.19	17.62	0.0578
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@243	19.85	17.28	0.0535
78	30	90	633666	3504.99	CP-OFDM QPSK	123@61	23.53	20.96	0.1247
78	30	90	633666	3504.99	CP-OFDM QPSK	1@1	23.18	20.61	0.1151
78	30	90	633666	3504.99	CP-OFDM QPSK	1@243	22.9	20.33	0.1079
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.12	22.55	0.1799
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.5	21.93	0.1560
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	24.14	21.57	0.1435
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.09	22.52	0.1786
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.5	21.93	0.1560
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	24.15	21.58	0.1439
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.06	21.49	0.1409
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.67	21.1	0.1288
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	23.3	20.73	0.1183
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.57	20	0.1000
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.12	19.55	0.0902
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	21.52	18.95	0.0785
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	20.56	17.99	0.0630

78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.22	17.65	0.0582
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	19.88	17.31	0.0538
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.57	21	0.1259
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	23.07	20.5	0.1122
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	22.7	20.13	0.1030

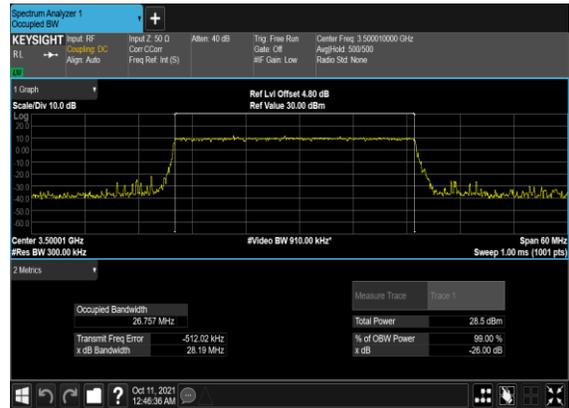
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	75@0	26.791	28.31
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	26.757	28.19
78	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.761	29.38
78	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.796	29.1
78	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.819	29.13
78	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.84	29.27
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	180@0	64.329	67.58
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	180@0	64.277	66.69
78	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.335	69.78
78	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.352	70.43
78	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.355	69.9
78	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.501	70.04

N78(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N78(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



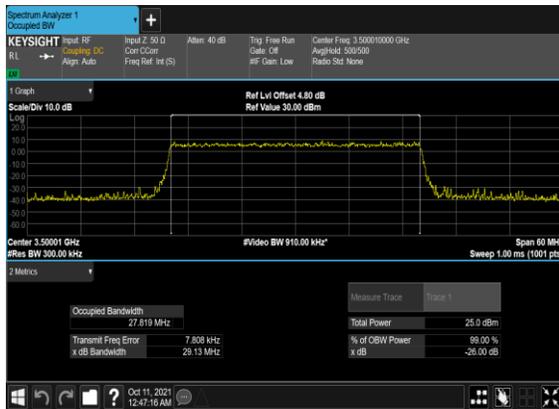
N78(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



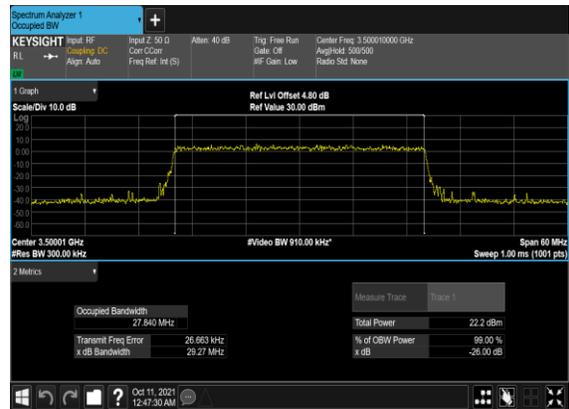
N78(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



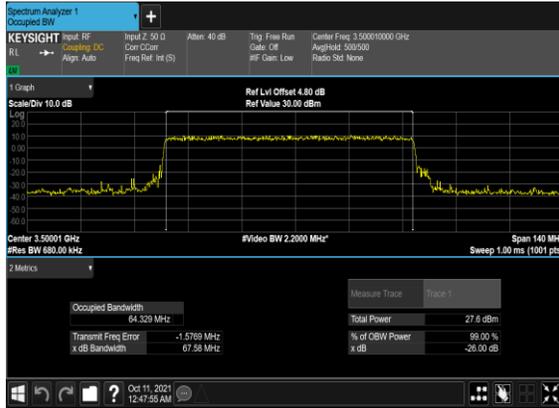
N78(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N78(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N78(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



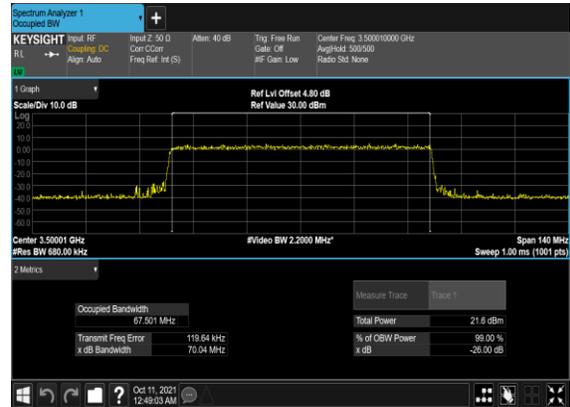
N78(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

SA n77 / NR 100MHz / QPSK DFT-s-OFDM / ANT6(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-60.20	-13	-47.20	-70.68	2.76	13.24	H
	10356	-57.28	-13	-44.28	-66.87	3.42	13.01	H
	13806	-40.60	-13	-27.60	-50.21	3.83	13.44	H
	6900	-62.71	-13	-49.71	-73.15	2.80	13.24	V
	10356	-58.15	-13	-45.15	-67.70	3.46	13.01	V
	13806	-53.04	-13	-40.04	-62.60	3.88	13.44	V

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

SA n78 / NR 100MHz / QPSK DFT-s-OFDM / ANT6(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-62.32	-13	-49.32	-72.80	2.76	13.24	H
	10356	-45.48	-13	-32.48	-55.07	3.42	13.01	H
	13806	-57.03	-13	-44.03	-66.64	3.83	13.44	H
	6900	-57.64	-13	-44.64	-68.08	2.80	13.24	V
	10356	-58.97	-13	-45.97	-68.52	3.46	13.01	V
	13806	-57.77	-13	-44.77	-67.33	3.88	13.44	V

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

EN-DC_2A_n78 / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT6(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	6900	-57.65	-13	-44.65	-68.13	2.76	13.24	H
	10356	-58.26	-13	-45.26	-67.85	3.42	13.01	H
	13806	-57.61	-13	-44.61	-67.22	3.83	13.44	H
	6900	-59.56	-13	-46.56	-70.00	2.80	13.24	V
	10356	-58.77	-13	-45.77	-68.32	3.46	13.01	V
	13806	-57.88	-13	-44.88	-67.44	3.88	13.44	V

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

EN-DC_5A_n78 / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT6(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-53.11	-13	-40.11	-63.59	2.76	13.24	H
	10356	-58.51	-13	-45.51	-68.10	3.42	13.01	H
	13806	-57.92	-13	-44.92	-67.53	3.83	13.44	H
	6900	-62.56	-13	-49.56	-73.00	2.80	13.24	V
	10356	-58.59	-13	-45.59	-68.14	3.46	13.01	V
	13806	-58.49	-13	-45.49	-68.05	3.88	13.44	V

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

EN-DC_7A_n78 / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT6(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	6900	-37.08	-13	-24.08	-47.56	2.76	13.24	H
	10356	-54.21	-13	-41.21	-63.80	3.42	13.01	H
	13806	-57.25	-13	-44.25	-66.86	3.83	13.44	H
	6900	-45.53	-13	-32.53	-55.97	2.80	13.24	V
	10356	-58.60	-13	-45.60	-68.15	3.46	13.01	V
	13806	-58.33	-13	-45.33	-67.89	3.88	13.44	V

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

EN-DC_38A_n78 / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT6(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	6900	-62.21	-13	-49.21	-72.69	2.76	13.24	H
	10356	-58.74	-13	-45.74	-68.33	3.42	13.01	H
	13818	-57.96	-13	-44.96	-67.57	3.83	13.44	H
	6900	-56.21	-13	-43.21	-66.65	2.80	13.24	V
	10356	-58.98	-13	-45.98	-68.53	3.46	13.01	V
	13818	-58.23	-13	-45.23	-67.79	3.88	13.44	V

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



EN-DC_41A_n78 / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT6(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	7062	-62.24	-13	-49.24	-72.72	2.76	13.24	H
	10356	-58.62	-13	-45.62	-68.21	3.42	13.01	H
	13806	-57.38	-13	-44.38	-66.99	3.83	13.44	H
	6900	-62.33	-13	-49.33	-72.77	2.80	13.24	V
	10356	-58.67	-13	-45.67	-68.22	3.46	13.01	V
	13806	-56.18	-13	-43.18	-65.74	3.88	13.44	V

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

EN-DC_66A_n78 / LTE 10MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT6(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	6900	-58.81	-13	-45.81	-69.29	2.76	13.24	H
	10356	-58.76	-13	-45.76	-68.35	3.42	13.01	H
	13806	-54.26	-13	-41.26	-63.87	3.83	13.44	H
	6900	-61.97	-13	-48.97	-72.41	2.80	13.24	V
	10356	-58.65	-13	-45.65	-68.20	3.46	13.01	V
	13806	-57.98	-13	-44.98	-67.54	3.88	13.44	V

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