Memory OC	MLC Latency(mic -loaded_latency-W5-t15)  MLC Bandwidth(mic -loaded_latency-W5-t15)
Freq ICL IRCD IRP IRAS ICMD IWR IRFC IRRD_L IRRD_S IWTR_L IWTR_S IRTP IFAW ICWL IREFI ICKE IRDRD IRDWR IWRRD IWRWR RTLIOL	0 2 8 15 50 100 200 300 400 500 700 1000 1300 1700 2500 3500 500 00 500 100 1300 1700 2500 3500 5000 5000 20000 0 2 8 15 50 100 200 300 400 500 700 1000 1300 1700 2500 3500 5000 5000 20000
4400 18 22 22 42 2 26 789 12 9 18 12 12 55 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 72/14	578 74 551 18 578 35 577 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 553 67 575 55 55 55 55 55 55 55 55 55 55 55 5
4400 18 22 22 42 2 26 789 12 9 18 12 12 48 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 72/14	513.46 515.4 511.42 505.02 516.07 514.07 510.03 505.05 506.01 516.07 514.07 510.03 505.5 506.41 49.37 666 52.7 508 44.72 45.5 45.0 40.0 40.0 40.0 40.0 40.0 40.0
4400 18 22 22 42 2 26 789 11 9 18 12 12 48 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 72/14	511.26 512.51 510.88 509.1 515.04 514.12 510.32 506.33 499.52 488.9 66.47 5531 5088 48.09 45.49 4289 41.72 40.76 304992 30494 30497.1 304748 30517.5 30551.1 30570.6 30425.1 30581.5 30788.1 32291.8 23410.5 18698.7 31489.5 7894.8 66.47 5531 5088 48.09 47.8 40.78 50.00 40.0
4400 18 22 22 42 2 26 789 11 9 18 12 12 44 18 17181 8 84499 16/16/16/16 42/96/99 84499 72/14 4400 18 22 22 42 2 26 789 10 9 18 12 12 44 18 17181 8 84499 16/16/16/16 42/96/99 84499 72/14	4733 6700 4782 4784 4920 4810 4731 9724 48011 575 575 5950 4801 2 5146 776 555 5950 480 485 480 420 479 479 570 5950 5950 480 485 480 420 479 570 570 570 570 570 570 570 570 570 570
4400 18 22 22 42 2 26 789 10 9 18 12 12 49 16 17161 8 84499 1616161616 423899 84499 7214	45.32 453.89 452.81 452.84 457.72 457.74 453.31 443.85 441.81 543.77 67.41 553.91 51.84 452 455.8 452.81 452.84 457.72 457.74 455.74 453.31 443.85 441.81 453.87 441.81 453.81 453.85 441.81 453
4400 18 22 22 42 2 26 789 9 18 12 12 40 18 17181 8 84499 16/16/16/16 42/36/99 8/4/99 72/14	452.15 451.76 451.76 450.63 455.83 455.8 455.9 451.94 447.25 440.06 413.02 67.07 54.87 5505 47.84 452.8 45.05 47.84 45.05 47.85 47.84 45.0
4400 18 22 22 42 2 26 789 9 9 18 12 12 36 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 72/14	494 25 495 74 49 49 49 49 49 49 49 49 49 49 49 49 49
4400 18 22 22 42 2 26 789 9 8 18 12 12 36 18 17181 8 84499 161161616 423699 84499 7214 4400 18 22 22 42 2 26 789 9 7 18 12 12 36 18 17181 8 84499 161161616 423699 84499 7214	42228 42259 42159 42127 42544 42459 4212 415697 40551 30737 6518 5508 5088 4227 4558 4414 433 4229 413 376978 376951 37704 376951 37718 37786 37786 37896 37853 37961 38353 41691 503783 7651 50378 37651 37718 37786 37786 37851 37786 37851 37786 37851 37786 37851 37861 378
4400 18 22 22 42 2 26 789 9 6 18 12 12 36 18 17181 8 8(4)919 16(16)16 42/36(9)9 8(4)919 72/14	42.00 4.00 1 1.0
4400 18 22 22 42 2 26 789 9 5 18 12 12 36 18 17181 8 8/4/9/9 16/16/16 42/36/9/9 8/4/9/9 72/14	420.5 422.1 419.5 419.47 424.19 423.29 420.31 415.47 407.81 366.01 66.65 54.85 59.89 47.70 45.31 84.50 428.5 41.07 407.81 36.00 2718.5
4400 18 22 22 42 2 26 789 9 4 18 12 12 36 18 17181 8 84/9/9 16/16/16 42/36/9/9 8/4/9/9 72/14	415.09 415.09 415.09 415.09 415.09 415.09 415.09 417.0
4400 18 22 22 42 2 26 789 8 4 18 12 12 36 18 17181 8 8499 16/16/16/16 42/36/99 84/99 72/14  4400 18 22 22 42 2 26 789 8 4 18 12 12 32 18 17181 8 84/99 16/16/16/16 42/36/99 84/99 72/14	4123 4468 4159 41226 473 41518 41226 40541 4055 522 2653 5454 505 477 478 4554 525 425 455 455 455 455 455 455 45
4400 18 22 22 42 2 26 789 8 4 18 12 12 32 18 17181 8 8 4499 16/16/16/16 42/96/99 8 4499 7 4 18 12 12 32 18 17181 8 8 4499 16/16/16/16 42/96/99 8 44/99 72/14	40.71 40.73 40.75 40.75 40.75 40.75 40.77 40.50 224 938.48 90.12 20.3 86.14 858.2 80.21 877 85.2 85.20 828 84.75 90.75 9
4400 18 22 22 42 2 26 789 7 4 18 12 12 28 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 72/14	382 3887 397.94 397.18 40154 4009 397.75 393.55 384.95 231.49 68.05 547 534 4782 4522 43.79 4279 4154 40.79 4051.5 4051.3 40519.3 40519.3 40553.3 40553.3 40553.3 40553.3 40553.3 40553.3 40553.4 47070 323187 22414.6 1822.9 14877 30485.5 7971.4 50658 4083.5 2718.2
4400 18 22 22 42 2 26 789 6 4 18 12 12 28 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 72/14	38.02 399,1 397,96 397,36 401,42 40.6 397,62 397,36 401,42 40.6 397,62 3
4400 18 22 22 42 2 26 789 6 4 18 12 12 24 18 17181 8 8/4/9/9 16/16/16 42/36/9/9 8/4/9/9 72/14	378 387.1 377.2 384.8 40 399.1 385.2 384.8 40 399.1 38.3 387.2 384.8 40 399.1 38.3 387.2 384.8 4075.2 384.8 4075.2 4075.2 4075.8 4075.2
4400 18 22 22 42 2 26 789 5 4 18 12 12 24 18 17181 8 84499 18161616 223699 84499 72144 4400 18 22 22 42 2 26 789 5 4 18 12 12 20 18 17181 8 84499 1816161616 223699 84499 72144	3774 3086 3067 1 00.68 00 307 92 71 3068 1 2008 00 307 92 71 3068 1 2008 00 307 92 71 3068 1 2008 00 307 92 71 3068 1 2008 00 308 52 00 70 92 71 3068 1 2008 2 00 71 3068 2 00 71 2008 2 00 71 3068 2 00 71 2008 2 00
4400 18 22 22 42 2 26 789 4 18 12 12 20 18 17181 8 84499 16161616 42/36/99 84499 72/14	300 July 1 200 July 2
4400 18 22 22 42 2 26 789 4 4 18 12 12 16 18 17181 8 84499 16/16/16/16 42/36/99 8/4/99 72/14	38.1 38.5 38.5 38.5 40.74 39.8 37.17 32.47 38.4 29.5 37.17 32.47 38.4 29.13 5.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.
4400 18 22 22 42 2 24 789 4 4 18 12 12 16 18 17181 8 8/4/9/9 16/16/16 42/36/9/9 8/4/9/9 72/14	333 3547 3955 3945 39811 39744 33384 3998 39871 39744 33384 3998 3987 1924 5573 5445 592 4751 4521 4952 4155 4155 4155 4155 4155 4155 4155 41
4400 18 22 22 44 2 24 789 4 4 18 12 11 16 18 17181 8 84499 16/16/16/16 42/36/99 84499 72/14  4400 18 22 22 44 2 22 789 4 4 18 12 11 16 18 17181 8 84499 16/16/16/16 42/36/99 84499 72/14	98.42 96.77 39.55 39.00 39.77 9.00 39.56 39.01 39.77 20.01 39.57 30.01 39.77 20.01 39.77 20.01 39.77 30.01 39.77 20.01 39.77 30.01 39.77 2
4400 18 22 22 42 2 22 789 4 4 18 12 10 16 18 17161 8 84499 16161616 423899 84499 7214	39.33 59.54
4400 18 22 22 42 2 20 789 4 4 18 12 10 16 18 17181 8 8/4/9/9 18/16/16/16 42/36/9/9 8/4/9/9 72/14	93.48 99.07 992.96 99 195.91 995.99 395.31 92.22 987.91 378.81 174.06 65.16 65.18 52.35 50.3 477.8 458.9 50.3 477.8 458.9 50.3 477.8 41266 41287.5 4128.5 4128.5 41307.5 41391.2 41400.5 4200.1 5228.6 2333.3 482.0 488.8 1848.5 1
4400 18 22 22 42 2 20 789 4 4 18 12 <mark>9</mark> 16 18 17181 8 8/4/9/9 16/16/16/16 42/96/9/9 8/4/9/9 72/14	392.51 393.5 391.73 393.33 395.68 395.19 395.29 395.25 395.33 385.68 395.18 395.97 397.25 3783.33 188.19 5459 5588 4478 4482 4482 4183.2 4139.2 4139.2 4139.2 4139.2 4139.2 4139.2 4148.2 4146.2
4400 18 22 22 42 2 18 789 4 4 18 12 9 16 18 17161 8 84499 16/16/16/16 42/36/99 84499 72/14  4400 18 22 22 42 2 18 789 4 4 18 12 8 16 18 17161 8 84499 16/16/16/16 42/36/99 84499 72/14	3275 3028 3028 3047 3058 3946 3016 3878 3028 3028 3047 3058 3018 3878 3878 3878 3878 3878 3878 3878 38
4400 18 22 22 42 2 16 789 4 4 18 12 8 16 18 17181 8 8/4/99 18/18/18/18 12/38/19/9 18/18/18/18/18/18/18/18/18/18/18/18/18/1	388.66 390.27 388.98 399.22 378.88 399.22 37
4400 18 22 22 42 2 16 789 4 4 18 12 7 16 18 17181 8 84499 16/16/16/16 42/36/99 8/4/99 72/14	289.88 389.28 389.27 381.6 382.57 382.78 382.77 383.76 375.34 142.2 64.73 52.47 482.84 182.84
4400 18 22 22 42 2 14 789 4 4 18 12 7 16 18 17181 8 84499 16161616 423699 84499 7214 4400 18 22 22 42 2 14 789 4 4 18 12 6 16 18 17181 8 84499 16161616 423699 84499 7214	300.2 300.0
4400 18 22 22 42 2 14 789 4 4 18 12 6 16 18 17181 8 8499 16/16/16/16 42/36/99 84/99 72/14  4400 18 22 22 42 2 12 789 4 4 18 12 6 16 18 17181 8 8499 16/16/16/16 42/36/99 84/99 72/14	305.33 306.44 307.79 306.44 307.79 306.45 307.52 306.00 37.71 [10.07 50.77 50.38] 81888 810.9
4400 18 22 22 42 2 12 700 4 4 18 12 6 16 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 72/14	384 94 384 18 383 94 383 26 387 31 386 88 381 381 378 77 398 88 109 75 62 53 52 83 488 5 482 52 422 429 412 40 47 4220 4 4230 4230 4230 5 4230 5 4230 5 4230 4246 2 42513 8 4361 2 3288 2 2483 5 1866 4 14648 4 1022 8 7990 8 6083 4086 9 2720 8
4400 18 22 22 42 2 12 600 4 4 18 12 6 16 18 17181 8 8/4/9/9 18/16/16/16 42/36/9/9 8/4/9/9 72/14	38.11.7 382.77 381.59 38.59 38.59 38.59 38.59 38.59 38.59 38.59 38.59 38.69 38.59 38.69 38.59 38.69 38.59 38
4400 18 22 22 42 2 12 500 4 4 18 12 6 16 18 17181 8 84499 16/16/16/16 2/23699 84499 72/14  4400 18 22 22 42 2 12 400 4 4 18 12 6 16 18 17181 8 84499 16/16/16/16 2/23699 84499 72/14	35.10 M 370, 73752, 378-64 38.00 38.00 378, 737-63 38.00 38.00 378, 737-63 38.00 8.00 57.00 48.0
4400 18 22 22 42 2 12 380 4 4 18 12 6 16 18 17181 8 8/4/9/9 18/16/16/16 4/2/36/9/9 72/14	376.13 376.31 376.35 375.02 378
4400 18 22 22 42 2 12 360 4 4 18 12 6 16 18 17181 8 84/9/9 16/16/16/16 42/36/9/9 84/9/9 72/14	376.28 376.21 376.39 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 375.02 379.09 37
4400 18 22 22 42 2 12 340 4 4 18 12 6 16 18 17181 8 8499 16/16/16/16 42/96/99 84/99 72/14 4400 18 22 22 42 2 12 320 4 4 18 12 6 16 18 17181 8 84/99 16/16/16/16 42/96/99 84/99 72/14	75.89 75.76 57.64 57.64 57.64 77.67 77.65 77.65 77.64 57.67 77.65
4400 18 22 22 42 2 12 300 4 4 18 12 6 16 18 17181 8 84499 1616161616 423899 8 84499 7214	375, 375, 477, 374, 1977, 377, 377, 377, 377, 377, 377, 377,
4400 17 22 22 42 2 12 300 4 4 18 12 6 16 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 70/14	374.61 375.3 374.72 373.06 377.15 376.42 373.55 379.06 377.15 376.42 373.55 389.8 389.56 88.55 88.2 48.85 48.75 48.75 48.75 48.75 48.75 49
4400 16 22 22 42 2 12 300 4 4 18 12 6 16 18 17181 8 84499 16161616 42/96/99 84499 68/14 4400 16 21 21 42 2 12 300 4 4 18 12 6 16 18 17181 8 84499 1616/1616 42/96/99 84499 68/14	74 575 69 775-3 375-3 375-5 376-5 376-5 376-5 376-5 396.2 5 396.2 5 396.2 5 396.2 5 396.2 5 396.3 4827 4827 4828 413 4282 428 598.3 585-5 4270.2 4287 7 4277-1 4277-1 4277-1 4277-1 4270-1 4277-1 4270
4400 16 20 20 42 2 12 300 4 4 18 12 6 16 18 17181 8 84499 18/16/16/16 42/36/99 84/99 68/14	376 37740 3745 37474 37475 37500 37719 37710 3782 39890 39743 8990 39743 8989 8975 8989 8989 8989 8989 8989 8989
4400 16 19 19 42 2 12 300 4 4 18 12 6 16 18 17181 8 8/4/8/19 16/16/16 42/36/8/19 8/4/8/19 68/14	388.69 388.19 388.89 371.13 370.37 367.37 362.45 352.2 81.96 552.4 47.49 44.37 42.87 40.46 39.31 38.48 37.49 56.73 4367.47 43950.8 4395.4 43947.2 43948.3 43969.4 44003.8 4400.5 44130.4 43889.5 32499.1 25889.9 18691.7 14776.2 108611 8137.2 6232.8 4253.8 2890.9
4400 16 18 18 42 2 12 300 4 4 18 12 6 16 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 8/4/9/9 68/14	383.66 383.52 382.55 386.05 385.48 382.2 386.05 385.48 382.2 386.05 385.48 382.2 386.07 347.55 78.54 54.1 48.7 44.7 4178 3894 38.8 37.98 37.08 37
4400 16 17 17 42 2 12 300 4 4 18 12 6 16 18 17181 8 84499 18181616 223699 84499 6814 4400 18 16 18 42 2 12 300 4 4 18 12 6 16 18 17181 8 84499 18181616 223699 84499 6814	36.60 36.47
4400 16 16 16 41 2 12 300 4 4 18 12 6 16 18 17181 8 84499 16/16/16/16 42/36/99 844/99 68/14	20541 20569 2569 35639 35647 35645 2575 3576 3576 3576 3576 3576 3576 3576 3
4400 16 16 16 40 2 12 300 4 4 18 12 6 16 18 17181 8 8/4/9/9 16/16/16/16 42/38/9/9 8/4/9/9 68/14	384.98 386.28 385.42 383.71 387.84 387.2 384.14 389.47 384.8 73.87 52.2 48.42 4.59 4.59 50.51 38.0 37.27 38.5 4.50 50.5 37.2 488.2 4869.2 4869.2 4869.3 48721.4 4875.7 4884.5 4809.8 3290.2 2860.6 4879.2 2860.6 1875.2 14839.7 10716.1 8191.5 6287.1 4306.8 2942.6
4400 16 16 16 39 2 12 300 4 4 18 12 6 16 18 17181 8 8499 16161616 42/899 8499 68/14	355.84 556.87 356.22 355.22 355.98 35.79 135.51 35.70 35.70 35.51 35.70
4400 16 16 16 38 2 12 300 4 4 18 12 6 16 18 17181 8 84/99 16/16/16/16 42/36/99 84/99 68/14  4400 16 16 16 37 2 12 300 4 4 18 12 6 16 18 17181 8 84/99 16/16/16/16 42/36/99 84/99 68/14	5569 5549 5283 5539 573 5568 5573 568 5377 5482 5347 7331 5222 554 4251 0509 5317 5342 5347 7331 522 557 559 537 5572 534 5250 535 535 537 5572 534 5372 537 537 537 537 537 537 537 537 537 537
4400 16 16 16 36 2 12 300 4 4 18 12 6 16 18 17181 8 8/4/9/9 16/16/16 42/36/9/9 8/4/9/9 68/14	52.42 532 551.87 551.34 555.19 534.61 551.65 545.76 531.65 545.76 531.76 77.56 516 45.15 42.36 40.69 582 37.9 77.11 52.6 55.6 4598.5 4599.5 459
4400 16 16 16 35 2 12 300 4 4 18 12 6 16 18 17181 8 8/4/9/9 16/16/16/16 42/38/9/9 8/4/9/9 68/14	353.08 55.51 353.3 352.66 355.72 364.92 351.08 346.92 332.07 72.08 51.58 65.5 42.3 40.01 38.9 37.8 37.8 37.8 37.8 32.4 35.8 45914 45913 45915 45915 45915 45916 84975 46075 46075 46075 2016 2016 2016 2016 2016 2016 2016 2016
4400 16 16 16 34 2 12 300 4 4 18 12 6 16 18 17181 8 84499 1611611616 423899 84499 68114  4400 16 16 16 33 2 12 300 4 4 18 12 6 16 18 17181 8 84499 1611611616 4238199 84499 68114	35.22 S15.7 55.076 346.35 53.34 55.73 45.07 346.01 320.89 72 51.01 45.45 42.28 40.65 38.86 57.84 57.07 56.21 55.7 467.08 467.08 467.08 467.01
4400 16 16 16 33 2 12 300 4 4 18 12 6 16 18 17181 8 84499 16/16/16/16 42/36/99 844/99 68/14	30.00 30.00
4400 16 16 16 31 2 12 300 4 4 18 12 6 16 18 17181 8 8/4/9/9 16/16/16/16 42/36/9/9 88/14	552.99 551.68 551.65 55.77 55.78 55.7
4400 16 16 16 30 2 12 300 4 4 18 12 6 16 18 17181 88/400 16 16/16/16/16 42/36/99 88/499 68/14	38.48 SO 68 34.63 7 4.69 52.65 55.53 34.69 54.67 327.31 71.06 51 44.63 45.99 4.027 35.05 37.56 57.50 5.07 55.05 57.05 50 57.50 50 57.50 57
4400 16 16 16 29 2 12 300 4 4 18 12 6 16 18 17181 8 84499 16/16/16/16 42/36/99 84499 68/14  4400 16 16 16 28 2 12 300 4 4 18 12 6 16 18 17181 8 8499 16/16/16/16 42/36/99 84/99 68/14	35.03 M 3678 35.05 34.66 0 52.09 35.17 35.27 35.07 35.
4400 16 16 16 28 2 12 300 4 4 18 12 6 16 17 17181 8 8/4/9/9 16/16/16 41/35/9/9 8/4/9/9 68/14	345.89 349.81 349.85 348.3 351.87 351.82 349.04 344.28 320.04 70.71 50.8 44.54 41.91 40.24 38.59 37.8 36.87 36.08 35.44 640.02 4640.02
4400 16 16 16 28 2 12 300 4 4 18 12 6 16 16 17181 8/8/4/9/9 16/16/16/16 40/34/9/9 8/44	37.57 388.12 347.54 38.62 35.013 39.5 38.63 34.28 35.013 39.5 38.53 34.216 32.08 69.38 52.2 44.19 41.04 40.05 38.42 37.47 35.7 38.7 38.7 38.7 38.7 38.7 38.7 38.7 38
4400 16 16 16 28 2 12 300 4 4 18 12 6 16 15 17181 8 84499 161161616 393399 8499 68114  4400 16 16 16 28 2 12 300 4 4 18 12 6 16 14 17181 8 84499 161161616 393399 84499 68114	37.11 84.11 37.22 36.21 7 34.98 9 34.62 24.62 54.17 52.23 9 59.04 64.5 137.6 22.30 5 57.6 5 57.6 50.0 15.0 5.2 14.87.20 54.72
4400 16 16 16 28 2 12 300 4 4 18 12 6 16 14 17181 8 8/4/9/9 16/16/16/16 38/31/9/9 68/14  4400 16 16 16 28 2 12 300 4 4 18 11 6 16 14 17181 8 8/4/9/9 16/16/16/16 38/31/9/9 8/4/9/9 68/14	34.19 34.10 34.10 34.11
4400 16 16 16 28 2 12 300 4 4 18 10 6 16 14 17181 8 8/4/9/9 16/16/16/16 38/30/9/9 88/14	342 55 342 59 340 78 340 58 343 58 340 58 340 58 344 58 340 58 348 340 58 348 340 58 348 340 58 348 340 58 348 340 58 348 340 58 348 348 348 348 348 348 348 348 348 34
4400 16 16 16 28 2 12 300 4 4 18 9 6 16 14 17181 8 8/4/9/9 16/16/16/16 38/29/9/9 8/4/9/9 68/14	341.43 341.43 341.45 341.65 345.65 34
4400 16 16 16 28 2 12 300 4 4 18 8 6 16 14 17181 8 84499 16161616 382899 84499 6814 4400 16 16 16 28 2 12 300 4 4 18 7 6 16 14 17181 8 84499 16161616 382799 84499 6814	30.75 30.069 3327 333 342.56 342.1 33.827 33.48 317.76 55.38 68.73 43.28 41.08 93.07 33.24 37.42 5.75 5.71 35.54 471.05 477.03 47
4400 16 16 16 28 2 12 300 4 4 18 6 6 16 14 17181 8 84499 16/16/16 38/26/99 8/4/99 88/14  4400 16 16 16 28 2 12 300 4 4 18 6 6 16 14 17181 8 8/4/99 16/16/16 38/26/99 8/4/99 8/4/99 8/8/14	3013 3010 3010 3010 3010 3010 3010 3010
4400 16 16 16 28 2 12 300 4 4 18 5 6 16 14 17181 8 8/4/9/9 16/16/16 38/25/9/9 8/4/9/9 68/14	2508 2508 25012 237.95 341.40 340.8 257.65 257.95 341.40 340.8 257.65 257.95 25
4400 16 16 16 28 2 12 300 4 4 18 4 6 16 14 17181 8 84499 16161616 382499 84499 86814 4400 16 16 16 28 2 12 300 4 4 17 4 6 16 14 17181 8 84499 16161616 372499 84499 8814	38.5 38.9 38.2 38.5 39.7 34.7 34.3 35.2 37.5 34.7 34.3 37.5 34.7 34.3 37.5 34.7 34.3 37.5 34.7 34.3 37.5 34.7 34.5 37.5 34.7 34.5 34.7 34.5 37.5 34.7 34.5 34.7 34.5 34.7 34.5 34.7 34.5 34.7 34.5 34.7 34.5 34.7 34.5 34.7 34.5 34.7 34.7 34.7 34.7 34.7 34.7 34.7 34.7
4400 10 10 10 10 20 2 12 300 4 4 11 4 0 10 14 17/101 0 0/4/9/9 18/18/18 37/24/9/9 8/14 1	301 3210 2010 Part   3010 Part

4400 16	10	10 2	28 2	12 300		4	10			10	14 17181	0 0/	4/9/9 16	6/16/16/16	20/24/0	8/4/9	9 68/14	227.24	27 70	220 42	220.25 2	40 44 22	0.77 22	0 02 221	72 200	0 02 77	47.07 A	70 40	74 20 44	20 12 27 2	4 20 70	20 11 25 1	40100	2 40400 0	40104.0	40402.0	40000 0	40110 5 4	2122 0 40	100 7 40	205 0 444	05 4 2205	7 22725	0 100041	140011	10750.7	9247.6 620	7.6 4316.4 2947
4400 16	16		28 2	12 300	4	4	15	4			14 17181			6/16/16/16			9 68/14	338 16	337.70	337.0	336.08 3	M0.41 33	0.82 33	6.6E 331	75 305	2 63.51	47.86 4	2.65 40.6	55 30 24	37.03 37.1	5 36 55	35.01 35.0	37 48068	2 48066 3	7 48076	48085.0	48087.3	48074.2.4	3132.0 40	1346 48	262.6 440	MO 5 32630	6 23697	8 18707 5	14874 1	10749.7	8218.4 631	1.9 4323.4 2955
4400 16	16		28 2	12 300	4	4	14		6		14 17181			6/16/16/16				337.62	36 68	336.45	336.29 3	39.58 33	8 98 3	35.8 330	95 305 6	31 63 12	47.68 4	2.55 40	15 39.2	37.9 37.1	2 36.53	35.9 35.	36 48187	8 48189 3	3 48194 7	48188.4	48188.3	48195.6 4	3224 1 48	3251 7 48	383 5 440	86.8 326	29 23711	7 18800 1	14877.8	10751.1	8221 4 631	2 8 4324 1 295
4400 16	16		28 2	12 300	4	4	13	4			14 17181	8.8/	4/9/9 16	6/16/16/16	33/24/9	8/4/9	9 68/14	335.96	35 16	334 16	334.57 3	38 19 33	7 29 33	4 73 329	76 305 6	82 62 86	47.42 4	2.36 40.2	29 39 03	37.74 36.9	7 364	35.76 35	22 48386	4 48387 5	5 48394 1	48386.2	48385.4	48391 4	8419.6 48	445.4 48	572.7 4	4244 3276	8 23805	9 18877	14932 1	10795.5	8253.5 633	7 4 4341 2 2987
4400 16	16	16 2	28 2	12 300	4	4	12	4	6	16	14 17181	8 8/4	4/9/9 1f	6/16/16/16	32/24/9	9 8/4/9	9 68/14	336.67	336.15	335.67	335.98 3	38.94 33	8.35 33	5.51 329.	.93 305.5	8 62.65	47.46 4	2.46 40	0.4 39.14	37.85 37	1 36.53	35.89 35.3	36 48292	5 48290.5	48300.5	48288.5	48289.8	48297.1 4	3324.3 48	359.9 484	485.1 4	4069 3264f	.2 23716	8 18804.5	14879.1	10753.8	8221.1 631	2.8 4324.4 295
4400 16	16	16 2	28 2	12 300	4	4	11	4	6	16	14 17181	8 8/-	4/9/9 1f	6/16/16/16	31/24/9	8/4/9	9 68/14	335.66	336.18	334.58	334.83 3	38.66	38.1 33	5.13 330.	.56 304.4	13 62.67	47.48 4	2.52 40.5	52 39.3	38.05 37	3 36.74	36.12 35.5	58 48294.	8 48294.7	7 48301	48294.2	48293.2	48301.7 4	3328.9 48	359.3 484	489.6 440	84.4 32629	.5 23714	7 18799.7	14870.2	10744.8	8211.9 630	2.8 4313.4 2944
4400 16	16	16 2	28 2	12 300	4	4	10	4	6	16	14 17181	8 8/4	4/9/9 1f	6/16/16/16	30/24/9	9 8/4/9	9 68/14	334.75	334.72	334.9	334.21 3	37.25 3	36.3 33	3.59 328.	.54 303.3	82 62.1	47.11 4	2.16 40.1	19 38.91	37.69 36.9	3 36.37	35.75 35.3	21 48549.	8 48548.2	48552.9	48547.3	48545.8	48552.3 4	3584.3 48	619.9 487	740.3 442	66.6 3278	.8 23807	7 18883.1	14943.1	10797.5	8255.3 633	8.9 4341.8 2968
4400 16	16	16 2	28 2	12 300	4	4	9	4	6	16	14 17181	8 8/4	4/9/9 1f	3/16/16/16	29/24/9	9 8/4/9	9 68/14	335.33	333.94	334.75	334 3	36.94 33	6.31 3	33.4 328.	.91 303.9	3 62.01	47.05 4	2.11 40.1	11 38.88	37.67 36.9	1 36.36	35.73 35.3	23 48577.	2 48579.1	1 48582	48576.6	48575.1	48583.1 4	3613.7 48	644.6 487	779.8 447	64.7 3277	.5 23811	4 18885.4	14946.1	10798.9	8256.7 633	8.9 4343.1 2967
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 17181	8 8/4	4/9/9 16	3/16/16/16	28/24/9/	9 8/4/9	9 68/14	334.69	334.29	335.1	332.81 3	36.62 33	6.15 33	2.87 328.	32 303.4	7 61.63	46.93 4	2.07 40	0.1 38.87	37.64 36.9	1 36.35	35.75 35.3	48609.	1 48608.5	48609	48609.1	48608.4	48618.3	48640 48	681.4 48	818.6 442	56.2 3277	.4 23819	4 18884.5	14945.5	10800.1	8256.7 63	340 4342 2968
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 17181	8 7//	4/9/9 16	6/16/16/16	28/24/9/	9 7/4/9	9 68/14	333.77	333.91	332.35	332.33 3	35.95	35.2 33	2.72 328.	.11 301.8	61.33	46.95 43	2.13 40.2	22 39.02	37.84 37.1	1 36.57	35.95 35.4	45 4865	9 48660.7	48668.2	48664.5	48657.1	48665.1 4	3693.8 48	3729.3 4	8868 442	54.9 32790	.8 23811	3 18881.8	14937.7	10789.7	8246.9 6328	8.8 4331.6 2956
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 17181	8 6//	4/9/9 16	6/16/16/16	28/24/9/	9 6/4/9	9 68/14	331.1	30.98	330.49	330.61 3	33.52 33	2.82 32	9.09 324	.71 295.5	60.11	46.68 43	2.05 40.1	12 38.99	37.8 37.0	9 36.57	35.95 35.4	44 49057.	3 49056.1	1 49061.4	49052.3	49058.1	49067.8 4	9084.9 49	126.2 493	288.6 442	69.2 32786	.6 23801.	4 18880.0	14935.9	10791	8247.2 6328	8.9 4331.8 2956
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 17181	8 6/4	4/9/9 15	5/15/15/15	28/24/9/	9 6/4/9	9 68/14	331.17	330.5	330.8	329.67 3	33.08 33	2.47 32	9.26 324	.79 293.3	60.17	46.79 4	2.15 40.2	25 39.07	37.9 37.1	7 36.64	36.02 35.5	52 49144.	2 49148.1	1 49153.4	49145.8	49149.6	49159.9 4	9179.2 49	215.8 4	9384 4/	201 32722	.4 23771.	9 18845.8	14911.1	10769.2	8232.1 6316	6.7 4323.3 2950
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 17181	8 6//	4/9/9 16	6/16/16/16	28/24/8/	6/4/9	9 68/14	333.24	333.35	330.62	321.65 3	24.64 32	4.35 33	1.44 325.	82 298.0	60.51	46.84	42.2 40.3	31 39.13	37.94 37.2	4 36.7	36.1 35.5	5 <mark>7</mark> 48874.	1 48871.6	48880.5	48872.4	48869.4	48882.1 4	3905.4 48	936.7 49	091.8 441	23.2 32640	.3 23721.	2 18807	14881.2	10749.7	8216 6305	5.1 4314.3 2945
4400 16	16	16 2	28 2	12 300	4	4	8	4	6		14 17181					-	9 68/14	335.62	35.69	334.41	333.28 3	37.34 33	6.69 33	3.37 328	.77 302	.2 61.79	47 4:	2.13 40.1	14 38.94	37.72 36.9	6 36.43	35.8 35.3	29 48517.	5 48518.5	48521.6	48521.3	48518	48524.8 4	3550.1 48	592.2 48	720.4 441	70.4 32704	.2 2377	1 18850.8	14915.5	10776.9	8241.4 6326	6.9 4334.7 2961
4400 16	16	16 2	28 2	12 300	4	4	8	4			14 17181	8 6/4	4/9/9 16	1/16/16/16	28/24/9/	9 6/4/9	9 68/14	332.63	330.89	331.25	330.14 3	33.91 33	3.56 33	0.45 325.	.51 296.6	60.3	46.68 4	1.96 40.0	06 38.85	37.67 36.9	3 36.4	35.79 35.3	27 4896	1 48963.3	48962.4	48958.4	48960.1	48968.8 4	3997.8 49	9032.2 49	189.8 442	09.7 32722	.7 23781.	6 18853.2	14919.9	10780.3	8243.4 6328	8.3 4334.9 2962
4400 16	16	16 2	28 2	12 300	4	4	8	4			14 34362			6/16/16/16			9 68/14	328.23	329.4	328.31	328.08 3	31.32 33	0.55 32	7.65 322	.43 289.2	58.81	46.37 4	1.91 4	40 38.88	37.68 36.9	6 36.42	35.8 35.3	28 49389.	49385.2	49392	49380.8	49385.4	49400.5 4	9425.2 49	454.7 49	849.7 441	36.7 32675	.6 23709.	9 18819.1	14886	10758.7	8227.7 6317	7.9 4329.6 2959
4400 16	16	16 2	28 2	12 300	4	4	8	4	-		14 51543			6/16/16/16			9 68/14	327.32	327.64	326.44	326.42	329.5 32	8.57 32	5.87 320.	.37 287.1	18 58.11	46.09 4	1.52 39.6	69 38.52	37.32 36.5	6 36.03	35.4 34.6	49656.	6 49651.3	49659	49650.9	49654.9	49659.8 4	9693.1 49	716.4 49	01.2 442	235.3 32751	.5 23795.	2 18863.2	14934.2	10796.3	8260.9 6346	6.3 4354.7 2982
4400 16	16	16 2	28 2	12 300	4	4	8	4			14 65000			6/16/16/16			-	327.7	326.61	326.84	326.63 3	29.65 32	9.18 32	6.17 320.	.92 287	.3 57.97	46.09 4	1.61 39.7	72 38.55	37.34 36.6	1 36.05	35.43 34.1	91 4962	3 49624.6	49628.8	49623.8	49621.7	49635.7 4	9660.5	49695 491	483.5 441	56.9 32681	.1 23731.	4 18826.1	14903.6	10776.2	8244.3 6336	6.4 4347.8 2979
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 51543	8 6/4		6/16/16/16			_	327.25	327.99	327.26	327.08 3	29.89 32	9.28 32	6.37 321.	.09 288.4	57.98	45.86 4	1.23 39.3	38 38.19	36.93 36	2 35.64	35.02 34.4	49537.	49533.8	49538	49537.2	49537.8	49545.5 4	9570.7 49	9603.8 497	/78.2 441	74.9 32700	.2 23756.	6 18843.6	14920.6	10794.9	8265.4 6356	6.3 4368.6 3001
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 51543	8 6/4		6/16/16/16				327.11	326.99	326.98	325.13	329.4 32	8.75 32	5.73 321.	.02 287.4	57.58	45.36 4	0.78 38.9	91 37.72	36.43 35.6	8 35.11	34.47 33.	94 49637.	5 49633.8	49636.9	49637.4	49636.5	49646.9 4	9672.5 49	705.2 49	586.6 442	76.2 32777	.8 23820.	9 18897	14970.2	10838.4	8303.7 6393	3.6 4403 3034
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 51543	8 6/4		6/16/16/16			_	327.37	326.63	327.25	325.68 3	28.87 32	8.49 32	5.51 320.	.36 287.4	13 57.34	45.13 4	0.51 38.6	63 37.47	36.2 35.4	5 34.9	34.26 33.	75 49632.	4 49635.5	49638.8	49630.5	49630.5	49644.7 4	9671.8 49	9706.4 491	883.1 442	274.1 32784	4.9 23832.	.9 18911.2	14982	10847.8	8315.7 64	104 4414.7 3044
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 51543	8 6/4		6/16/16/16			_	327.18	325.83	326.6	325.12 3	29.31 32	8.62 32	5.79 320.	.79 288.4	19 57.22	2 44.86 4	0.22 38.3	36 37.21	35.95 35	2 34.66	34.03 33.	49557.	5 49562	2 49563.2	49564	49562.7	49572.5 4	9595.7	49630 491	305.5 442	33.8 32736	.9 23820.	7 18906.6	14978.5	10852.7	8321.5 6411	1.7 4424.7 3056
4400 16	16	16 2	28 2	12 300	4	4	8	4	в .	16	14 51543	8 6/4		6/16/16/16			9 63/9	326.94	526.48	525.74	325.21 3	28.34 32	7.88 32	4.88 31	9.9 285.2	56.61	44.39	37.8	87 36.71	35.41 34.6	8 34.11	33.48 32.	4965	49858.9	49660.9	49656.8	49654.9	49666.2 4	9694.3 49	3r2r.8 4	8924 442	292.9 32828	20070.	1 18958.9	15025.9	10896.3	8360.7 6450	0.6 4460.3 309 7.6 4503.3 313
4400 16	16	16 2	28 2	12 300	4	4	8	4	6	16	14 51543	8 6/4	4/9/9 16	6/16/16/16	28/24/9/	9 6/4/9	9 62/8	326.43	326.33	327.07	325.13 3	28.87 3	28.1 32	5.01 319.	.77 285	.1 56.34	44 3	9.24 37.3	32 36.08	34.73 33.9	5 33.37	32.71 32.	18 49593.	8 49598.1	1 49600.4	49595.4	49596.5	49606.2 4	9633.4 49	672.7 49	359.7 442	89.7 32794	.7 23874.	6 18967.2	15045	10922.3	8394.3 6487	/.6 4503.3 313