

Typical Performance Data

| RF (IN) (MHz) | LO (MHz) | CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) | | |
|---------------|----------|--|------|------|
| | | @LO (dBm) | | |
| | | +4 | +7 | +10 |
| 10.1 | 40.1 | 5.82 | 5.57 | 5.33 |
| 49.9 | 79.9 | 6.05 | 5.68 | 5.48 |
| 89.7 | 119.7 | 5.96 | 5.60 | 5.44 |
| 129.5 | 159.5 | 6.02 | 5.68 | 5.49 |
| 169.3 | 199.3 | 6.03 | 5.74 | 5.58 |
| 209.2 | 239.2 | 6.09 | 5.76 | 5.58 |
| 249.0 | 279.0 | 6.13 | 5.80 | 5.61 |
| 288.8 | 318.8 | 6.20 | 5.88 | 5.65 |
| 328.6 | 358.6 | 6.27 | 5.90 | 5.69 |
| 368.4 | 398.4 | 6.36 | 5.98 | 5.72 |
| 408.2 | 438.2 | 6.40 | 5.99 | 5.74 |
| 448.0 | 478.0 | 6.44 | 6.07 | 5.80 |
| 487.8 | 517.8 | 6.51 | 6.08 | 5.82 |
| 527.6 | 557.6 | 6.51 | 6.08 | 5.82 |
| 567.4 | 597.4 | 6.58 | 6.09 | 5.80 |
| 607.2 | 637.2 | 6.77 | 6.22 | 5.90 |
| 647.1 | 677.1 | 6.88 | 6.35 | 6.01 |
| 686.9 | 716.9 | 7.06 | 6.48 | 6.12 |
| 726.7 | 756.7 | 7.14 | 6.55 | 6.16 |
| 766.5 | 796.5 | 7.34 | 6.71 | 6.31 |
| 806.3 | 836.3 | 7.46 | 6.89 | 6.45 |
| 846.1 | 876.1 | 7.67 | 7.09 | 6.69 |
| 885.9 | 915.9 | 7.70 | 7.21 | 6.83 |
| 965.5 | 995.5 | 7.67 | 7.32 | 7.05 |
| 1005.3 | 1035.3 | 7.64 | 7.32 | 7.08 |
| 1045.2 | 1075.2 | 7.66 | 7.35 | 7.11 |
| 1085.0 | 1115.0 | 7.72 | 7.37 | 7.15 |
| 1124.8 | 1154.8 | 7.74 | 7.43 | 7.18 |
| 1164.6 | 1194.6 | 7.80 | 7.48 | 7.25 |
| 1204.4 | 1234.4 | 7.83 | 7.47 | 7.27 |
| 1244.2 | 1274.2 | 7.96 | 7.60 | 7.37 |
| 1284.0 | 1314.0 | 8.01 | 7.59 | 7.42 |
| 1323.8 | 1353.8 | 8.12 | 7.69 | 7.47 |
| 1363.6 | 1393.6 | 8.21 | 7.72 | 7.52 |
| 1403.4 | 1433.4 | 8.24 | 7.79 | 7.57 |
| 1443.2 | 1473.2 | 8.34 | 7.88 | 7.65 |
| 1483.1 | 1513.1 | 8.56 | 7.95 | 7.78 |
| 1522.9 | 1552.9 | 8.74 | 8.11 | 7.81 |
| 1562.7 | 1592.7 | 8.92 | 8.24 | 7.92 |
| 1602.5 | 1632.5 | 9.21 | 8.40 | 8.02 |

| RF (IN) (MHz) | LO (MHz) | IP3 INPUT (dBm) | | |
|---------------|----------|-----------------|-------|-------|
| | | @LO (dBm) | | |
| | | +4 | +7 | +10 |
| 10.1 | 40.1 | 15.21 | 16.42 | 19.75 |
| 49.9 | 79.9 | 18.64 | 15.40 | 15.58 |
| 89.7 | 119.7 | 13.60 | 12.86 | 14.82 |
| 129.5 | 159.5 | 11.05 | 13.99 | 17.12 |
| 169.3 | 199.3 | 11.37 | 13.20 | 17.26 |
| 209.2 | 239.2 | 11.90 | 15.44 | 19.74 |
| 249.0 | 279.0 | 12.35 | 16.31 | 21.90 |
| 288.8 | 318.8 | 12.85 | 17.26 | 23.25 |
| 328.6 | 358.6 | 14.54 | 19.83 | 20.30 |
| 368.4 | 398.4 | 15.79 | 17.24 | 17.46 |
| 408.2 | 438.2 | 16.05 | 18.92 | 17.58 |
| 448.0 | 478.0 | 15.72 | 18.08 | 16.31 |
| 487.8 | 517.8 | 16.55 | 16.09 | 14.89 |
| 527.6 | 557.6 | 15.08 | 14.33 | 14.88 |
| 567.4 | 597.4 | 14.61 | 14.37 | 14.72 |
| 607.2 | 637.2 | 13.75 | 13.95 | 14.15 |
| 647.1 | 677.1 | 11.54 | 13.04 | 13.48 |
| 686.9 | 716.9 | 10.32 | 12.03 | 12.68 |
| 726.7 | 756.7 | 9.64 | 11.26 | 12.77 |
| 766.5 | 796.5 | 8.81 | 10.96 | 11.44 |
| 806.3 | 836.3 | 8.58 | 10.42 | 11.74 |
| 846.1 | 876.1 | 7.85 | 9.83 | 11.30 |
| 885.9 | 915.9 | 7.99 | 9.10 | 10.84 |
| 965.5 | 995.5 | 8.12 | 9.11 | 10.04 |
| 1005.3 | 1035.3 | 9.02 | 9.36 | 10.18 |
| 1045.2 | 1075.2 | 9.81 | 9.75 | 10.45 |
| 1085.0 | 1115.0 | 10.51 | 10.21 | 10.67 |
| 1124.8 | 1154.8 | 10.95 | 11.11 | 11.07 |
| 1164.6 | 1194.6 | 12.61 | 11.85 | 11.48 |
| 1204.4 | 1234.4 | 13.05 | 14.22 | 12.53 |
| 1244.2 | 1274.2 | 13.02 | 14.21 | 14.82 |
| 1284.0 | 1314.0 | 12.17 | 13.56 | 14.96 |
| 1323.8 | 1353.8 | 12.56 | 14.46 | 15.21 |
| 1363.6 | 1393.6 | 11.98 | 13.73 | 15.15 |
| 1403.4 | 1433.4 | 12.47 | 14.51 | 16.03 |
| 1443.2 | 1473.2 | 12.13 | 14.46 | 17.47 |
| 1483.1 | 1513.1 | 13.01 | 15.34 | 16.05 |
| 1522.9 | 1552.9 | 12.17 | 13.48 | 15.85 |
| 1562.7 | 1592.7 | 12.31 | 14.86 | 17.00 |
| 1602.5 | 1632.5 | 12.94 | 14.39 | 16.70 |

| RF (IN) (MHz) | LO (MHz) | COMPRESSION @RF IN=+1dBm (dB) | | |
|---------------|----------|-------------------------------|------|------|
| | | @LO (dBm) | | |
| | | +4 | +7 | +10 |
| 10.1 | 40.1 | 1.14 | 0.89 | 0.74 |
| 49.9 | 79.9 | 1.41 | 1.15 | 0.93 |
| 89.7 | 119.7 | 1.55 | 1.22 | 0.99 |
| 129.5 | 159.5 | 1.60 | 1.31 | 1.02 |
| 169.3 | 199.3 | 1.53 | 1.31 | 1.06 |
| 209.2 | 239.2 | 1.62 | 1.29 | 0.99 |
| 249.0 | 279.0 | 1.68 | 1.29 | 1.12 |
| 288.8 | 318.8 | 1.70 | 1.44 | 1.14 |
| 328.6 | 358.6 | 1.79 | 1.47 | 1.33 |
| 368.4 | 398.4 | 1.82 | 1.56 | 1.32 |
| 408.2 | 438.2 | 1.86 | 1.65 | 1.48 |
| 448.0 | 478.0 | 2.06 | 1.70 | 1.58 |
| 487.8 | 517.8 | 2.05 | 1.82 | 1.62 |
| 527.6 | 557.6 | 2.01 | 1.83 | 1.55 |
| 567.4 | 597.4 | 2.11 | 1.81 | 1.60 |
| 607.2 | 637.2 | 2.10 | 1.78 | 1.57 |
| 647.1 | 677.1 | 2.32 | 2.03 | 1.83 |
| 686.9 | 716.9 | 2.04 | 1.92 | 1.61 |
| 726.7 | 756.7 | 2.10 | 1.91 | 1.75 |
| 766.5 | 796.5 | 1.96 | 1.82 | 1.56 |
| 806.3 | 836.3 | 1.76 | 1.69 | 1.53 |
| 846.1 | 876.1 | 1.61 | 1.66 | 1.50 |
| 885.9 | 915.9 | 1.44 | 1.36 | 1.20 |
| 965.5 | 995.5 | 1.40 | 1.12 | 0.92 |
| 1005.3 | 1035.3 | 1.34 | 1.13 | 1.02 |
| 1045.2 | 1075.2 | 1.07 | 0.92 | 0.77 |
| 1085.0 | 1115.0 | 1.08 | 0.77 | 0.64 |
| 1124.8 | 1154.8 | 1.01 | 0.77 | 0.68 |
| 1164.6 | 1194.6 | 1.02 | 0.65 | 0.70 |
| 1204.4 | 1234.4 | 0.93 | 0.73 | 0.56 |
| 1244.2 | 1274.2 | 0.98 | 0.80 | 0.66 |
| 1284.0 | 1314.0 | 0.96 | 0.77 | 0.55 |
| 1323.8 | 1353.8 | 1.05 | 0.70 | 0.56 |
| 1363.6 | 1393.6 | 1.00 | 0.69 | 0.52 |
| 1403.4 | 1433.4 | 1.01 | 0.63 | 0.50 |
| 1443.2 | 1473.2 | 0.86 | 0.66 | 0.57 |
| 1483.1 | 1513.1 | 0.97 | 0.72 | 0.56 |
| 1522.9 | 1552.9 | 0.81 | 0.61 | 0.41 |
| 1562.7 | 1592.7 | 0.97 | 0.61 | 0.34 |
| 1602.5 | 1632.5 | 0.92 | 0.59 | 0.40 |

Typical Performance Data

| IF (OUT) (MHz) | LO (MHz) | CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=750.1MHz (dB) | IF (OUT) (MHz) | LO (MHz) | CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=10.1MHz (dB) | IF (OUT) (MHz) | LO (MHz) | CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1500.1MHz (dB) |
|----------------|----------|--|----------------|----------|---|----------------|----------|---|
| | | @LO (dBm) | | | @LO (dBm) | | | @LO (dBm) |
| | | +7 | | | +7 | | | +7 |
| 10.1 | 740.0 | 6.83 | 20.1 | 10.0 | 6.01 | 500.1 | 1000.0 | 10.00 |
| 28.8 | 721.3 | 6.85 | 60.5 | 50.4 | 5.66 | 540.5 | 959.6 | 9.75 |
| 47.5 | 702.6 | 6.85 | 100.9 | 90.8 | 5.67 | 580.9 | 919.2 | 9.51 |
| 66.3 | 683.9 | 6.89 | 141.3 | 131.2 | 5.63 | 621.3 | 878.8 | 9.29 |
| 85.0 | 665.1 | 6.89 | 181.7 | 171.6 | 5.68 | 661.7 | 838.4 | 9.07 |
| 103.7 | 646.4 | 6.89 | 222.1 | 212.0 | 5.72 | 702.1 | 798.0 | 8.92 |
| 122.4 | 627.7 | 6.90 | 242.3 | 232.2 | 5.77 | 722.3 | 777.8 | 8.86 |
| 141.1 | 609.0 | 6.85 | 262.6 | 252.5 | 5.79 | 742.6 | 757.6 | 8.82 |
| 159.8 | 590.3 | 6.85 | 282.8 | 272.7 | 5.77 | 762.8 | 737.4 | 8.57 |
| 178.6 | 571.5 | 6.80 | 303.0 | 292.9 | 5.84 | 783.0 | 717.1 | 8.51 |
| 197.3 | 552.8 | 6.78 | 323.2 | 313.1 | 5.85 | 803.2 | 696.9 | 8.52 |
| 216.0 | 534.1 | 6.75 | 343.4 | 333.3 | 5.88 | 823.4 | 676.7 | 8.46 |
| 234.7 | 515.4 | 6.72 | 363.6 | 353.5 | 5.89 | 843.6 | 656.5 | 8.43 |
| 253.4 | 496.7 | 6.70 | 383.8 | 373.7 | 5.91 | 863.8 | 636.3 | 8.39 |
| 272.2 | 478.0 | 6.66 | 404.0 | 393.9 | 5.94 | 884.0 | 616.1 | 8.36 |
| 290.9 | 459.2 | 6.68 | 424.2 | 414.1 | 5.95 | 904.2 | 595.9 | 8.36 |
| 309.6 | 440.5 | 6.69 | 444.4 | 434.3 | 5.99 | 924.4 | 575.7 | 8.31 |
| 328.3 | 421.8 | 6.65 | 464.6 | 454.5 | 6.03 | 944.6 | 555.5 | 8.29 |
| 347.0 | 403.1 | 6.62 | 484.8 | 474.7 | 6.02 | 964.8 | 535.3 | 8.28 |
| 365.7 | 384.4 | 6.58 | 505.0 | 494.9 | 6.01 | 985.0 | 515.1 | 8.27 |
| 384.5 | 365.6 | 6.49 | 525.2 | 515.1 | 6.05 | 1005.2 | 494.9 | 8.22 |
| 403.2 | 346.9 | 6.54 | 545.4 | 535.3 | 6.11 | 1025.4 | 474.7 | 8.21 |
| 421.9 | 328.2 | 6.52 | 565.6 | 555.5 | 6.12 | 1045.6 | 454.5 | 8.25 |
| 440.6 | 309.5 | 6.50 | 585.8 | 575.7 | 6.21 | 1065.8 | 434.3 | 8.25 |
| 459.3 | 290.8 | 6.46 | 606.0 | 595.9 | 6.22 | 1086.0 | 414.1 | 8.30 |
| 478.1 | 272.1 | 6.47 | 626.2 | 616.1 | 6.28 | 1106.2 | 393.9 | 8.26 |
| 496.8 | 253.3 | 6.46 | 646.4 | 636.3 | 6.35 | 1126.4 | 373.7 | 8.31 |
| 515.5 | 234.6 | 6.42 | 666.6 | 656.5 | 6.41 | 1146.6 | 353.5 | 8.26 |
| 534.2 | 215.9 | 6.42 | 686.8 | 676.7 | 6.48 | 1166.8 | 333.3 | 8.33 |
| 552.9 | 197.2 | 6.41 | 707.0 | 696.9 | 6.54 | 1187.0 | 313.1 | 8.31 |
| 571.6 | 178.5 | 6.46 | 727.2 | 717.1 | 6.59 | 1207.2 | 292.9 | 8.31 |
| 590.4 | 159.7 | 6.50 | 747.5 | 737.4 | 6.65 | 1227.5 | 272.7 | 8.30 |
| 609.1 | 141.0 | 6.50 | 767.7 | 757.6 | 6.76 | 1247.7 | 252.5 | 8.25 |
| 627.8 | 122.3 | 6.54 | 787.9 | 777.8 | 6.83 | 1267.9 | 232.2 | 8.28 |
| 646.5 | 103.6 | 6.53 | 808.1 | 798.0 | 6.91 | 1288.1 | 212.0 | 8.20 |
| 665.2 | 84.9 | 6.61 | 848.5 | 838.4 | 7.10 | 1328.5 | 171.6 | 8.13 |
| 684.0 | 66.2 | 6.60 | 888.9 | 878.8 | 7.28 | 1368.9 | 131.2 | 8.07 |
| 702.7 | 47.4 | 6.59 | 929.3 | 919.2 | 7.48 | 1409.3 | 90.8 | 8.02 |
| 721.4 | 28.7 | 6.58 | 969.7 | 959.6 | 7.72 | 1449.7 | 50.4 | 8.03 |
| 740.1 | 10.0 | 6.59 | 1010.1 | 1000.0 | 7.93 | 1490.1 | 10.0 | 8.32 |

Typical Performance Data

| LO (MHz) | LO-RF ISOLATION (dB) | | | LO-IF ISOLATION (dB) | | | RF (IN) (MHz) | LO (MHz) | RF-IF ISOLATION (dB) | | |
|-------------|-------------------------|-------|-------|-------------------------|-------|-------|---------------------|-------------|-------------------------|-------|-------|
| | @LO (dBm) | | | @LO (dBm) | | | | | @LO (dBm) | | |
| | +4 | +7 | +10 | +4 | +7 | +10 | | | +4 | +7 | +10 |
| 40.1 | 63.33 | 61.66 | 69.58 | 48.53 | 63.12 | 70.31 | 10.1 | 40.1 | 37.76 | 34.83 | 46.50 |
| 79.9 | 65.31 | 63.27 | 61.33 | 53.74 | 71.59 | 56.20 | 49.9 | 79.9 | 41.77 | 39.49 | 40.61 |
| 119.7 | 62.95 | 63.61 | 59.92 | 48.81 | 69.88 | 51.27 | 89.7 | 119.7 | 38.03 | 36.02 | 35.83 |
| 159.5 | 59.58 | 63.08 | 58.63 | 44.79 | 59.58 | 48.10 | 129.5 | 159.5 | 34.91 | 33.98 | 33.81 |
| 199.3 | 56.82 | 63.16 | 58.03 | 42.70 | 54.14 | 45.05 | 169.3 | 199.3 | 33.71 | 32.91 | 32.45 |
| 239.2 | 54.76 | 63.77 | 57.74 | 40.82 | 50.61 | 42.78 | 209.2 | 239.2 | 32.60 | 31.82 | 31.60 |
| 279.0 | 53.21 | 63.82 | 56.96 | 39.85 | 47.51 | 40.08 | 249.0 | 279.0 | 31.98 | 31.37 | 30.95 |
| 318.8 | 51.93 | 65.53 | 56.30 | 39.35 | 45.04 | 38.01 | 288.8 | 318.8 | 31.73 | 30.99 | 30.45 |
| 358.6 | 50.40 | 65.34 | 56.19 | 39.03 | 42.46 | 35.95 | 328.6 | 358.6 | 31.26 | 30.67 | 30.14 |
| 398.4 | 49.60 | 67.14 | 55.14 | 39.34 | 39.53 | 33.81 | 368.4 | 398.4 | 30.31 | 29.97 | 29.58 |
| 438.2 | 48.27 | 62.58 | 54.78 | 39.41 | 38.22 | 32.67 | 408.2 | 438.2 | 29.13 | 28.88 | 28.57 |
| 478.0 | 47.35 | 59.71 | 53.95 | 39.79 | 35.74 | 30.79 | 448.0 | 478.0 | 27.73 | 27.41 | 27.22 |
| 517.8 | 46.12 | 56.45 | 53.07 | 40.00 | 34.45 | 29.80 | 487.8 | 517.8 | 26.04 | 25.89 | 25.73 |
| 557.6 | 44.92 | 54.51 | 53.04 | 39.55 | 32.55 | 28.26 | 527.6 | 557.6 | 24.52 | 24.39 | 24.28 |
| 597.4 | 44.30 | 52.87 | 51.74 | 38.47 | 30.89 | 26.94 | 567.4 | 597.4 | 23.16 | 23.04 | 22.99 |
| 637.2 | 43.85 | 51.26 | 49.67 | 36.78 | 29.42 | 25.79 | 607.2 | 637.2 | 21.90 | 21.89 | 21.85 |
| 677.1 | 43.69 | 49.99 | 47.45 | 34.49 | 27.98 | 24.75 | 647.1 | 677.1 | 20.84 | 20.83 | 20.87 |
| 716.9 | 43.19 | 49.01 | 46.35 | 32.79 | 26.90 | 23.95 | 686.9 | 716.9 | 20.04 | 20.05 | 20.17 |
| 756.7 | 42.83 | 48.75 | 45.64 | 30.43 | 25.37 | 22.75 | 726.7 | 756.7 | 19.55 | 19.64 | 19.74 |
| 796.5 | 42.14 | 49.31 | 46.64 | 28.54 | 24.15 | 21.81 | 766.5 | 796.5 | 19.34 | 19.43 | 19.57 |
| 836.3 | 41.18 | 49.40 | 47.74 | 26.76 | 22.84 | 20.73 | 806.3 | 836.3 | 19.25 | 19.42 | 19.59 |
| 876.1 | 40.38 | 49.52 | 50.17 | 25.02 | 21.58 | 19.69 | 846.1 | 876.1 | 19.36 | 19.54 | 19.73 |
| 915.9 | 38.86 | 46.56 | 56.46 | 23.84 | 20.67 | 18.89 | 885.9 | 915.9 | 19.42 | 19.73 | 19.98 |
| 995.5 | 36.69 | 41.60 | 50.14 | 21.62 | 18.97 | 17.34 | 965.5 | 995.5 | 19.71 | 20.12 | 20.49 |
| 1035.3 | 35.77 | 39.90 | 45.76 | 20.79 | 18.31 | 16.74 | 1005.3 | 1035.3 | 19.78 | 20.22 | 20.65 |
| 1075.2 | 35.10 | 38.81 | 43.48 | 20.08 | 17.77 | 16.27 | 1045.2 | 1075.2 | 19.76 | 20.22 | 20.65 |
| 1115.0 | 34.39 | 37.73 | 41.60 | 19.37 | 17.19 | 15.74 | 1085.0 | 1115.0 | 19.63 | 20.09 | 20.50 |
| 1154.8 | 34.04 | 37.23 | 40.73 | 18.60 | 16.61 | 15.26 | 1124.8 | 1154.8 | 19.44 | 19.84 | 20.17 |
| 1194.6 | 33.57 | 36.60 | 39.85 | 17.96 | 16.08 | 14.82 | 1164.6 | 1194.6 | 19.23 | 19.56 | 19.86 |
| 1234.4 | 33.06 | 35.97 | 39.02 | 17.30 | 15.52 | 14.32 | 1204.4 | 1234.4 | 19.07 | 19.33 | 19.54 |
| 1274.2 | 32.68 | 35.48 | 38.38 | 16.63 | 14.97 | 13.85 | 1244.2 | 1274.2 | 18.90 | 19.08 | 19.22 |
| 1314.0 | 32.13 | 34.79 | 37.53 | 16.13 | 14.57 | 13.50 | 1284.0 | 1314.0 | 18.79 | 18.92 | 19.02 |
| 1353.8 | 31.50 | 34.00 | 36.53 | 15.57 | 14.11 | 13.09 | 1323.8 | 1353.8 | 18.66 | 18.75 | 18.81 |
| 1393.6 | 30.94 | 33.31 | 35.72 | 15.12 | 13.77 | 12.80 | 1363.6 | 1393.6 | 18.51 | 18.57 | 18.63 |
| 1433.4 | 30.32 | 32.58 | 34.85 | 14.65 | 13.43 | 12.51 | 1403.4 | 1433.4 | 18.29 | 18.35 | 18.42 |
| 1473.2 | 29.69 | 31.77 | 33.87 | 14.18 | 13.08 | 12.23 | 1443.2 | 1473.2 | 17.94 | 18.05 | 18.13 |
| 1513.1 | 29.07 | 31.01 | 33.00 | 13.71 | 12.72 | 11.93 | 1483.1 | 1513.1 | 17.50 | 17.62 | 17.73 |
| 1552.9 | 28.44 | 30.28 | 32.19 | 13.29 | 12.43 | 11.69 | 1522.9 | 1552.9 | 16.96 | 17.12 | 17.25 |
| 1592.7 | 27.69 | 29.38 | 31.17 | 12.90 | 12.13 | 11.43 | 1562.7 | 1592.7 | 16.36 | 16.51 | 16.70 |
| 1632.5 | 27.13 | 28.67 | 30.35 | 12.57 | 11.87 | 11.22 | 1602.5 | 1632.5 | 15.77 | 15.95 | 16.12 |

Typical Performance Data

| RF (IN) (MHz) | LO (MHz) | RF VSWR (:1) | | | LO (MHz) | LO VSWR (:1) | | | IF (OUT) (MHz) | IF VSWR @LO=500.1MHz (:1) | | |
|------------------|-------------|--------------|------|------|-------------|--------------|------|------|-------------------|---------------------------|------|------|
| | | @LO (dBm) | | | | @LO (dBm) | | | | @LO (dBm) | | |
| | | +4 | +7 | +10 | | +4 | +7 | +10 | | +4 | +7 | +10 |
| 10.1 | 40.1 | 1.46 | 1.47 | 1.51 | 40.1 | 1.77 | 2.49 | 3.34 | 10.1 | 1.13 | 1.23 | 1.40 |
| 49.9 | 79.9 | 1.22 | 1.19 | 1.23 | 79.9 | 1.89 | 2.73 | 3.82 | 30.3 | 1.13 | 1.22 | 1.30 |
| 89.7 | 119.7 | 1.16 | 1.06 | 1.02 | 119.7 | 1.86 | 2.68 | 3.72 | 50.5 | 1.08 | 1.24 | 1.42 |
| 129.5 | 159.5 | 1.11 | 1.02 | 1.03 | 159.5 | 1.83 | 2.63 | 3.62 | 70.7 | 1.06 | 1.25 | 1.41 |
| 169.3 | 199.3 | 1.19 | 1.11 | 1.07 | 199.3 | 1.86 | 2.64 | 3.62 | 90.9 | 1.04 | 1.22 | 1.40 |
| 209.2 | 239.2 | 1.15 | 1.08 | 1.06 | 239.2 | 1.83 | 2.57 | 3.49 | 111.1 | 1.08 | 1.19 | 1.33 |
| 249.0 | 279.0 | 1.22 | 1.16 | 1.13 | 279.0 | 1.88 | 2.62 | 3.55 | 131.3 | 1.13 | 1.21 | 1.35 |
| 288.8 | 318.8 | 1.24 | 1.19 | 1.16 | 318.8 | 1.89 | 2.62 | 3.52 | 151.5 | 1.12 | 1.25 | 1.40 |
| 328.6 | 358.6 | 1.32 | 1.27 | 1.24 | 358.6 | 1.90 | 2.64 | 3.52 | 171.7 | 1.12 | 1.24 | 1.41 |
| 368.4 | 398.4 | 1.37 | 1.31 | 1.28 | 398.4 | 1.97 | 2.71 | 3.58 | 191.9 | 1.14 | 1.25 | 1.39 |
| 408.2 | 438.2 | 1.45 | 1.39 | 1.36 | 438.2 | 1.95 | 2.65 | 3.47 | 212.1 | 1.16 | 1.26 | 1.41 |
| 448.0 | 478.0 | 1.53 | 1.47 | 1.43 | 478.0 | 2.00 | 2.69 | 3.50 | 232.3 | 1.20 | 1.31 | 1.44 |
| 487.8 | 517.8 | 1.64 | 1.58 | 1.53 | 517.8 | 1.99 | 2.63 | 3.38 | 252.6 | 1.21 | 1.32 | 1.47 |
| 527.6 | 557.6 | 1.70 | 1.63 | 1.58 | 557.6 | 2.00 | 2.63 | 3.37 | 272.8 | 1.20 | 1.32 | 1.47 |
| 567.4 | 597.4 | 1.84 | 1.76 | 1.70 | 597.4 | 2.04 | 2.65 | 3.35 | 293.0 | 1.23 | 1.34 | 1.48 |
| 607.2 | 637.2 | 1.94 | 1.84 | 1.77 | 637.2 | 2.07 | 2.66 | 3.34 | 313.2 | 1.24 | 1.36 | 1.50 |
| 647.1 | 677.1 | 2.11 | 2.01 | 1.93 | 677.1 | 2.12 | 2.71 | 3.37 | 333.4 | 1.26 | 1.39 | 1.53 |
| 686.9 | 716.9 | 2.23 | 2.11 | 2.02 | 716.9 | 2.12 | 2.66 | 3.29 | 353.6 | 1.26 | 1.40 | 1.55 |
| 726.7 | 756.7 | 2.45 | 2.33 | 2.23 | 756.7 | 2.14 | 2.67 | 3.27 | 373.8 | 1.25 | 1.39 | 1.54 |
| 766.5 | 796.5 | 2.63 | 2.49 | 2.38 | 796.5 | 2.16 | 2.65 | 3.20 | 394.0 | 1.26 | 1.39 | 1.54 |
| 806.3 | 836.3 | 2.81 | 2.68 | 2.57 | 836.3 | 2.18 | 2.65 | 3.17 | 414.2 | 1.28 | 1.41 | 1.55 |
| 846.1 | 876.1 | 2.97 | 2.86 | 2.77 | 876.1 | 2.24 | 2.70 | 3.21 | 434.4 | 1.27 | 1.41 | 1.57 |
| 885.9 | 915.9 | 2.96 | 2.90 | 2.84 | 915.9 | 2.25 | 2.69 | 3.17 | 454.6 | 1.28 | 1.43 | 1.57 |
| 965.5 | 995.5 | 2.86 | 2.84 | 2.82 | 995.5 | 2.33 | 2.75 | 3.20 | 495.0 | 1.30 | 1.44 | 1.58 |
| 1005.3 | 1035.3 | 2.93 | 2.90 | 2.88 | 1035.3 | 2.33 | 2.72 | 3.16 | 515.2 | 1.32 | 1.45 | 1.60 |
| 1045.2 | 1075.2 | 2.83 | 2.79 | 2.77 | 1075.2 | 2.36 | 2.74 | 3.17 | 535.4 | 1.31 | 1.46 | 1.61 |
| 1085 | 1115 | 2.96 | 2.91 | 2.88 | 1115 | 2.35 | 2.69 | 3.09 | 555.6 | 1.32 | 1.46 | 1.61 |
| 1124.8 | 1154.8 | 2.91 | 2.84 | 2.79 | 1154.8 | 2.39 | 2.72 | 3.11 | 575.8 | 1.32 | 1.47 | 1.62 |
| 1164.6 | 1194.6 | 3.04 | 2.95 | 2.89 | 1194.6 | 2.41 | 2.71 | 3.08 | 596.0 | 1.34 | 1.49 | 1.64 |
| 1204.4 | 1234.4 | 2.98 | 2.88 | 2.80 | 1234.4 | 2.42 | 2.70 | 3.05 | 616.2 | 1.35 | 1.51 | 1.66 |
| 1244.2 | 1274.2 | 3.06 | 2.93 | 2.84 | 1274.2 | 2.46 | 2.73 | 3.07 | 636.4 | 1.34 | 1.50 | 1.65 |
| 1284 | 1314 | 2.99 | 2.85 | 2.75 | 1314 | 2.46 | 2.69 | 3.01 | 676.8 | 1.35 | 1.50 | 1.65 |
| 1323.8 | 1353.8 | 3.01 | 2.86 | 2.75 | 1353.8 | 2.51 | 2.72 | 3.03 | 717.2 | 1.39 | 1.55 | 1.71 |
| 1363.6 | 1393.6 | 2.91 | 2.75 | 2.65 | 1393.6 | 2.56 | 2.73 | 3.02 | 757.7 | 1.38 | 1.55 | 1.70 |
| 1403.4 | 1433.4 | 2.89 | 2.73 | 2.62 | 1433.4 | 2.60 | 2.75 | 3.02 | 798.1 | 1.44 | 1.62 | 1.77 |
| 1443.2 | 1473.2 | 2.84 | 2.67 | 2.56 | 1473.2 | 2.70 | 2.82 | 3.07 | 838.5 | 1.46 | 1.64 | 1.80 |
| 1483.1 | 1513.1 | 2.92 | 2.73 | 2.61 | 1513.1 | 2.75 | 2.84 | 3.06 | 878.9 | 1.49 | 1.67 | 1.83 |
| 1522.9 | 1552.9 | 2.92 | 2.72 | 2.60 | 1552.9 | 2.88 | 2.93 | 3.14 | 919.3 | 1.55 | 1.74 | 1.90 |
| 1562.7 | 1592.7 | 3.04 | 2.82 | 2.69 | 1592.7 | 3.00 | 3.01 | 3.19 | 959.7 | 1.56 | 1.75 | 1.91 |
| 1602.5 | 1632.5 | 3.10 | 2.86 | 2.72 | 1632.5 | 3.11 | 3.08 | 3.22 | 1000.1 | 1.66 | 1.85 | 2.01 |