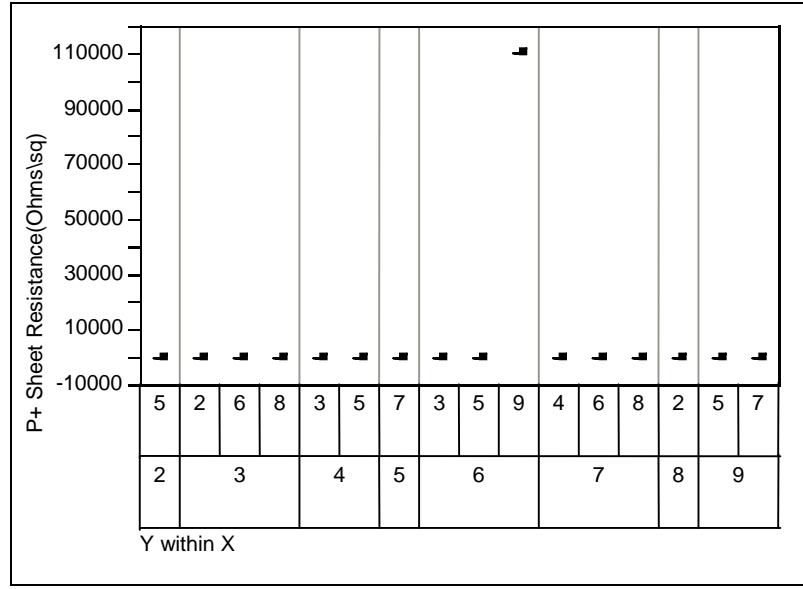


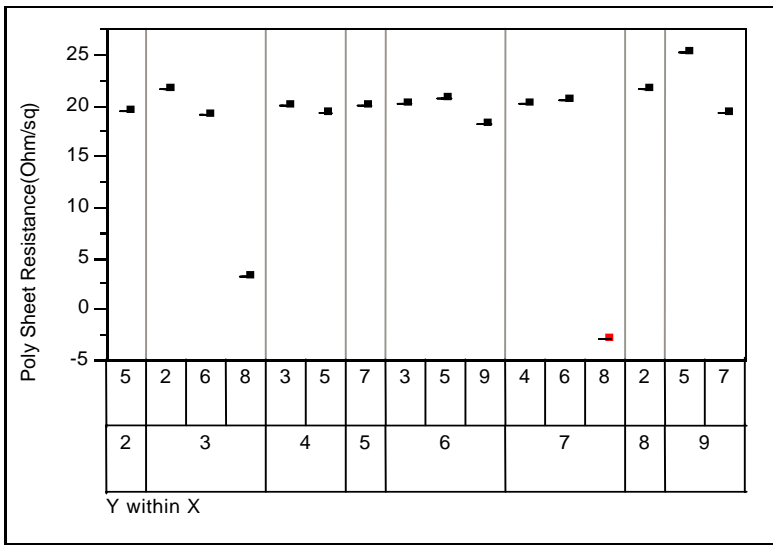
Pass Rate=100% (LCL=3, UCL=150, Target 30).

Figure 1. N+ Sheet Resistance (Units: Ohms).



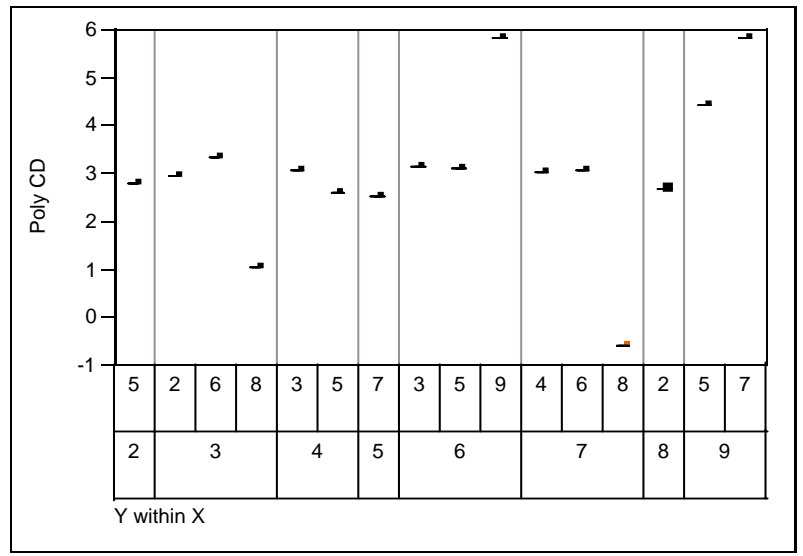
Pass Rate=94% (LCL=3, UCL=120, Target 39).

Figure 2. P+ Sheet Resistance (Units: Ohms).



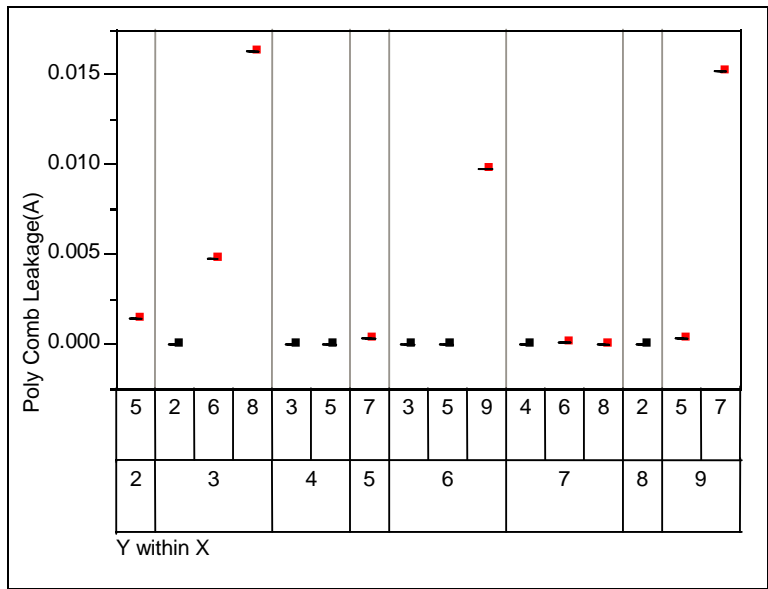
Pass Rate=94% (LCL=3, UCL=150, Target 49).

Figure 3. Poly Sheet Resistance (Units: Ohms).



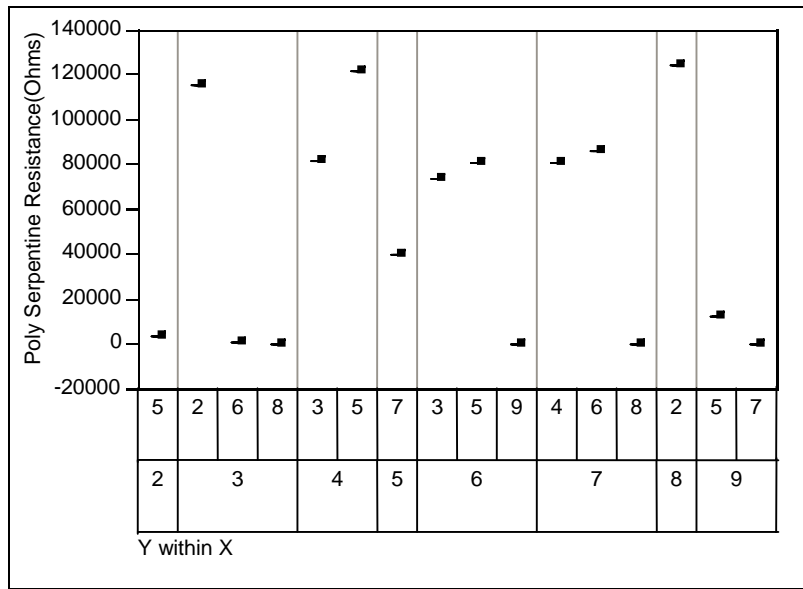
Pass Rate=94% (LCL=0.1, UCL=6, Target 2).

Figure 4. Poly CD (Units: μm).



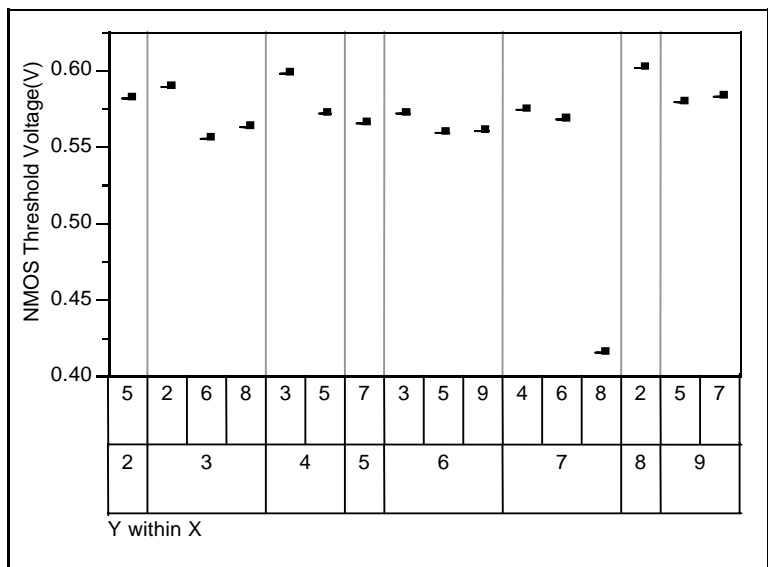
Pass Rate=44% (LCL=0, UCL=1E-9, Target 1E-12).

Figure 5. Poly Comb Leakage (Units: Amps).



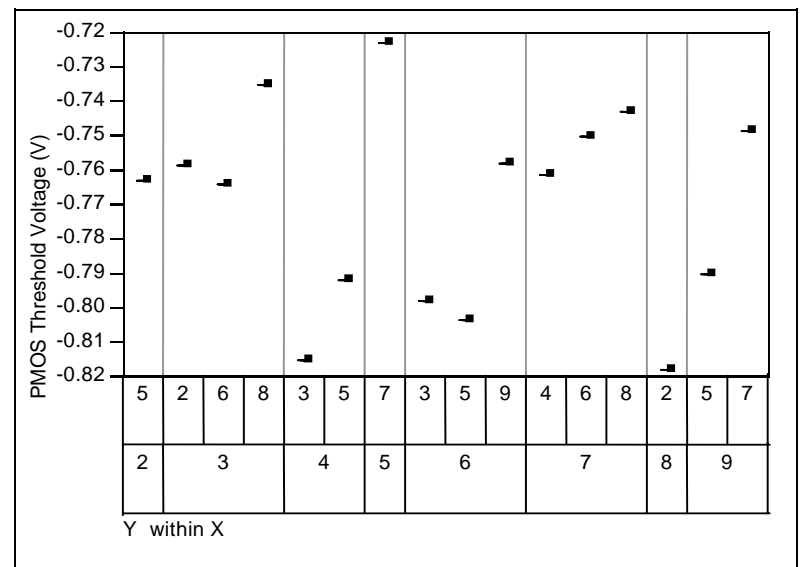
Pass Rate=100% (LCL=16K, UCL=497K, Target 166K).

Figure 6. Poly Serpentine Resistance (Units: Ohms).



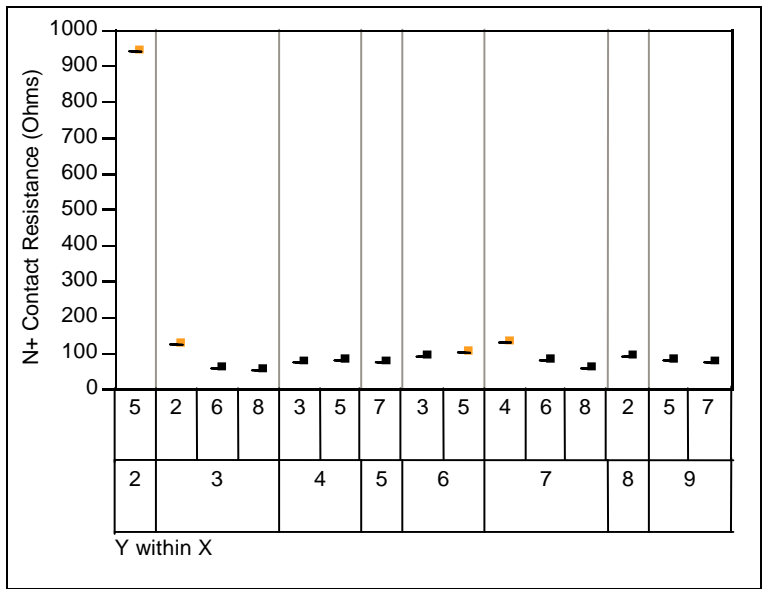
Pass Rate=100% (LCL=0, UCL=3, Target 0.75).

Figure 7. NMOS Threshold Voltage (Units: Volts).



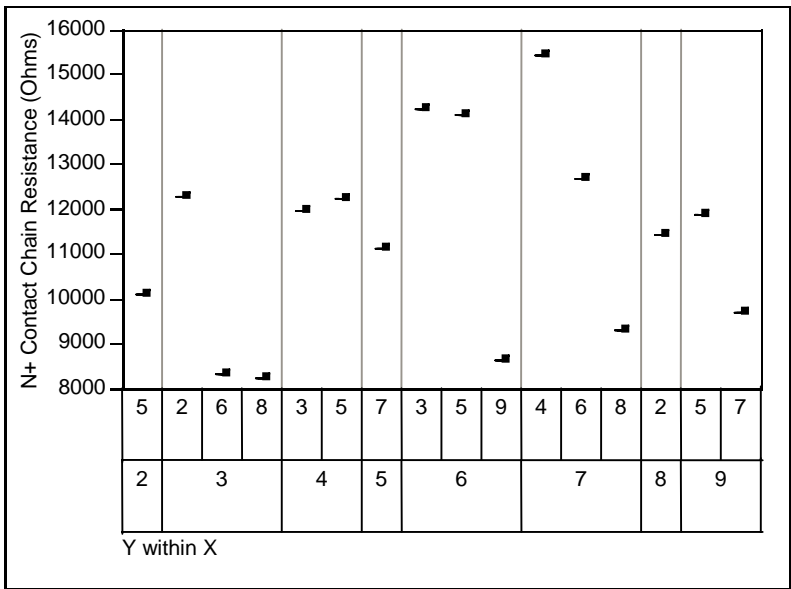
Pass Rate=100% (LCL=-3, UCL=0, Target -0.75).

Figure 8. PMOS Threshold Voltage (Units: Volts).



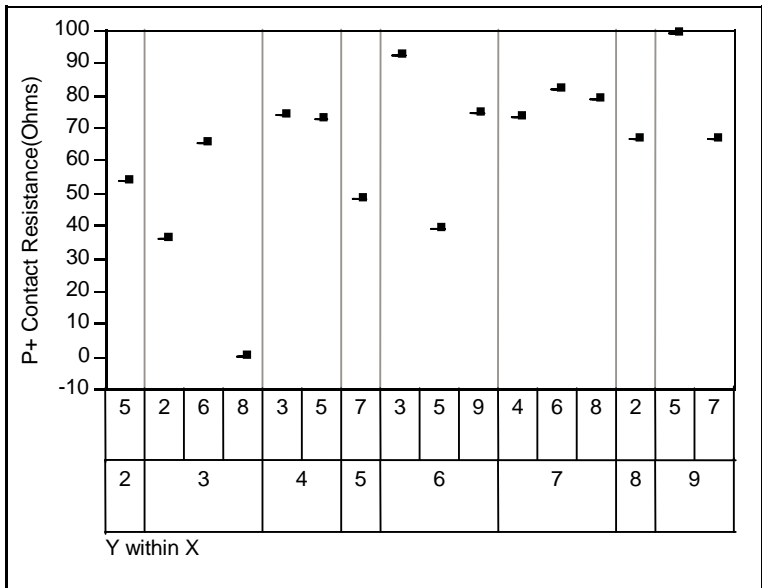
Pass Rate=75% (LCL=0.001, UCL=100, Target 0.1).

Figure 9. N+ Contact Resistance (Units: Ohms).



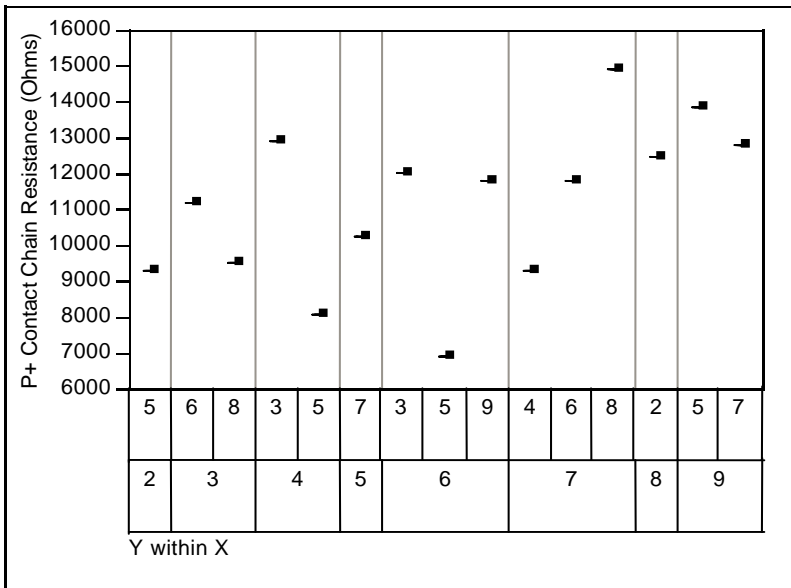
Pass Rate=100% (LCL=1K, UCL=100K, Target 5K).

Figure 10. N+ Contact Chain Resistance (Units: Ohms).



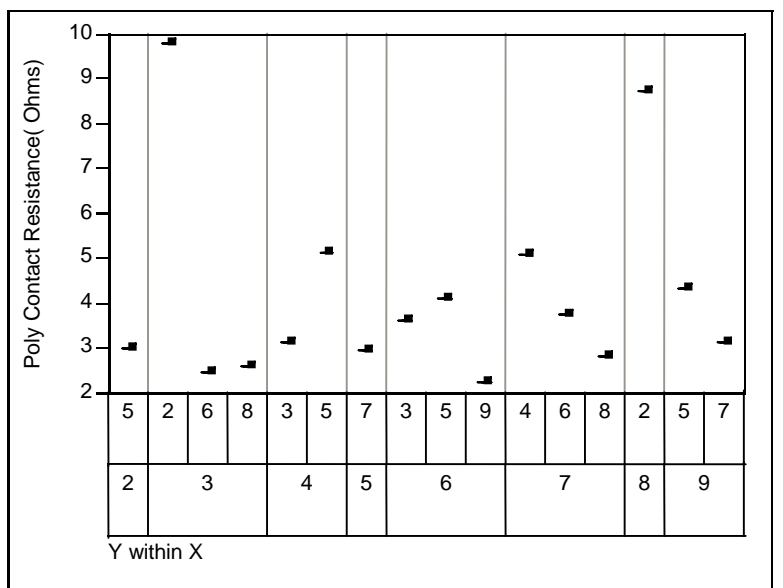
Pass Rate=94% (LCL=0.1, UCL=100, Target 1).

Figure 11. P+ Contact Resistance (Units: Ohms).



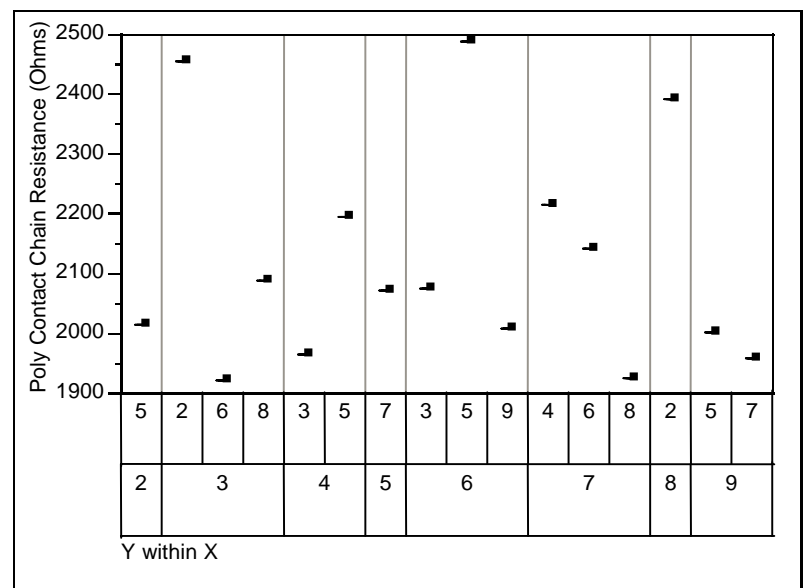
Pass Rate=100% (LCL=1K, UCL=100K, Target 4K).

Figure 12. P+ Contact Chain Resistance (Units: Ohms).



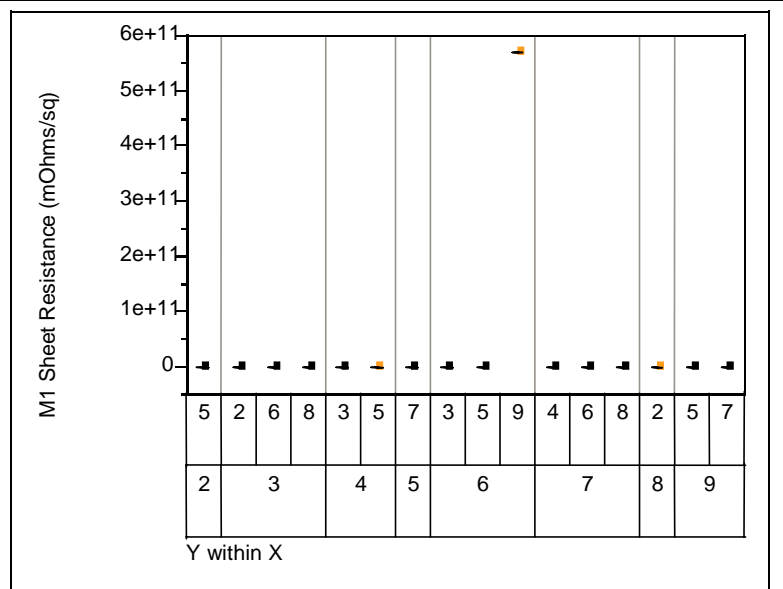
Pass Rate=100% (LCL=0.1, UCL=100, Target 0.1).

Figure 13. Poly Contact Resistance (Units: Ohms).



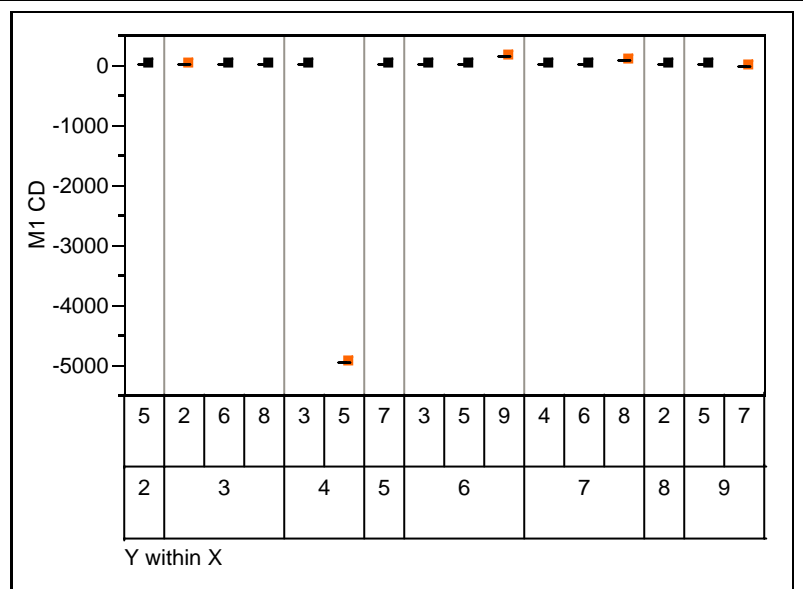
Pass Rate=100% (LCL=1K, UCL=100K, Target 4.9K).

Figure 14. Poly Contact Chain Resistance (Units: Ohms).



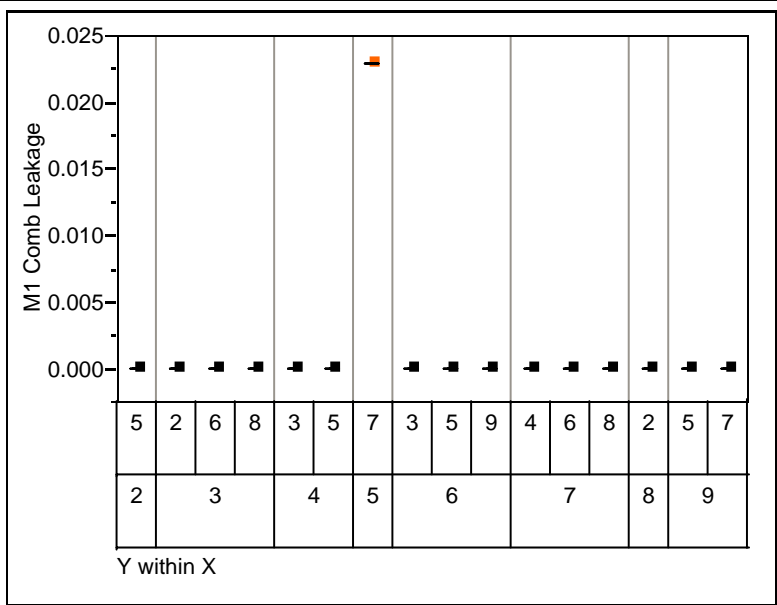
Pass Rate=81% (LCL=10m, UCL=100m, Target 56.7m).

Figure 15. M1 Sheet Resistance (Units: mOhms).



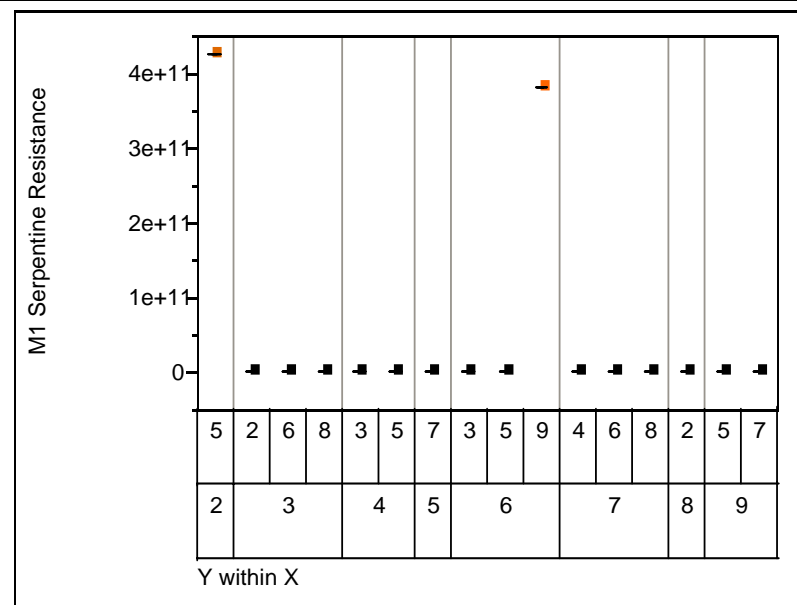
Pass Rate=69% (LCL=1, UCL=5.5, Target 3).

Figure 16. M1 CD (Units: μm).



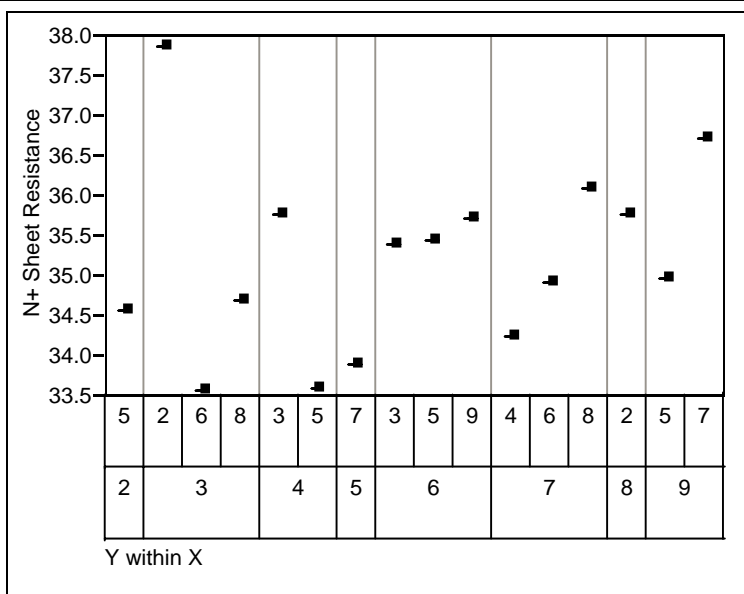
Pass Rate=94% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 17. M1 Comb Leakage (Units: Amps).



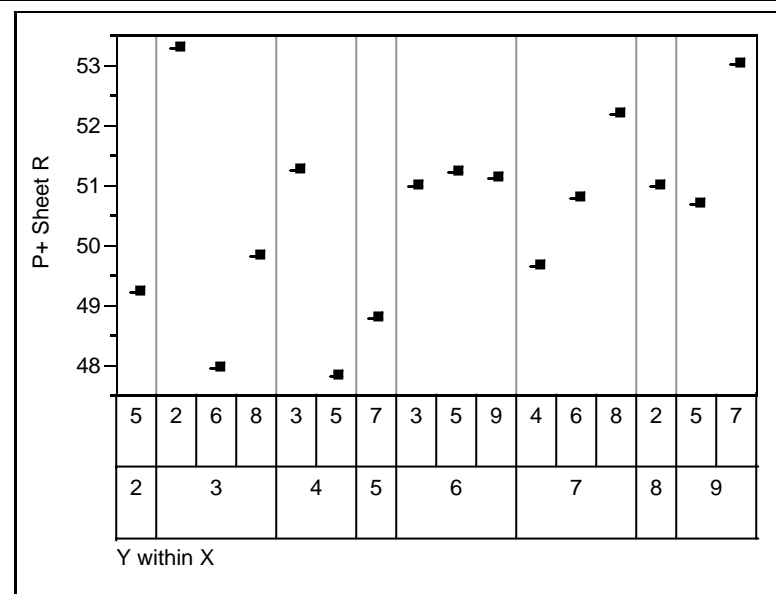
Pass Rate=88% (LCL=10, UCL=450, Target 85).

Figure 18. M1 Serpentine Resistance (Units: Ohms).



Pass Rate=100% (LCL=3, UCL=150, Target 30).

Figure 1. N+ Sheet Resistance.



Pass Rate=100% (LCL=3, UCL=120, Target 39).

Figure 2. P+ Sheet Resistance (Units: Ohms).

Wafer 2

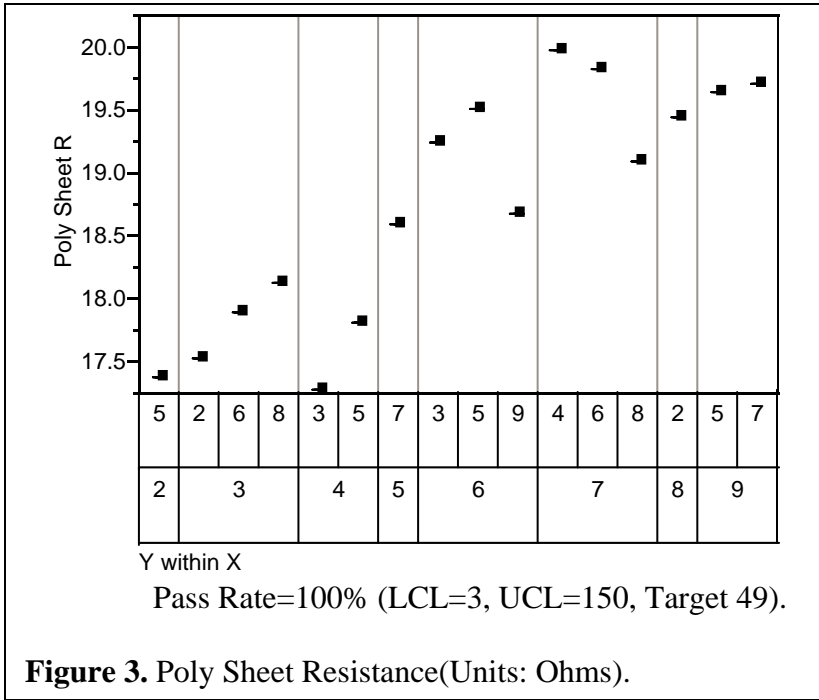


Figure 3. Poly Sheet Resistance(Units: Ohms).

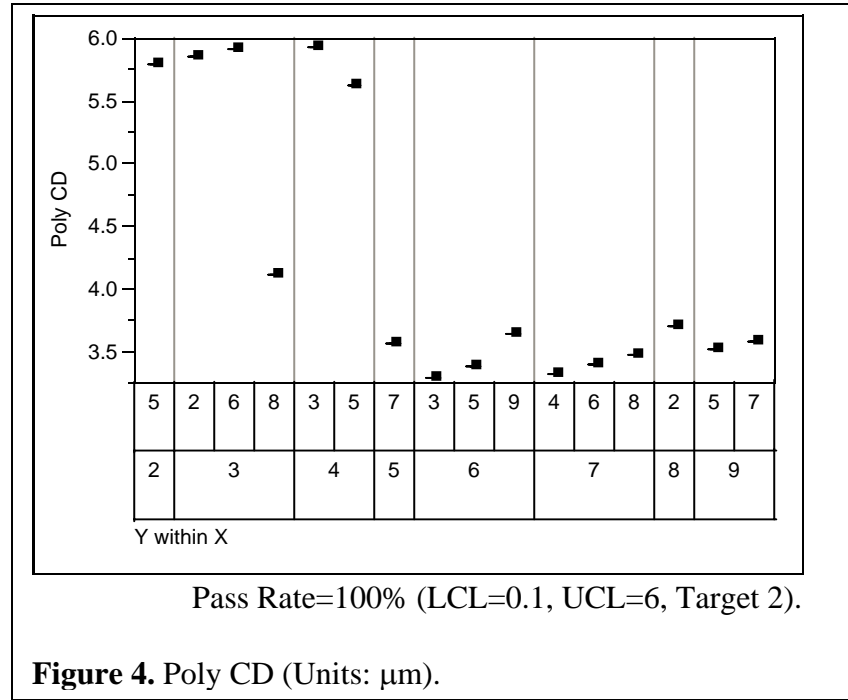


Figure 4. Poly CD (Units: μm).

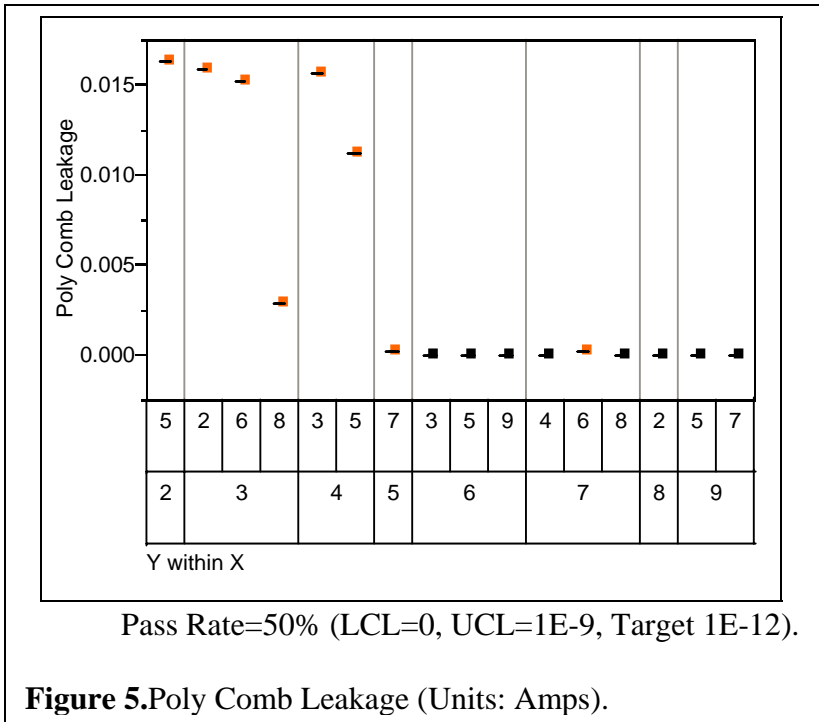


Figure 5. Poly Comb Leakage (Units: Amps).

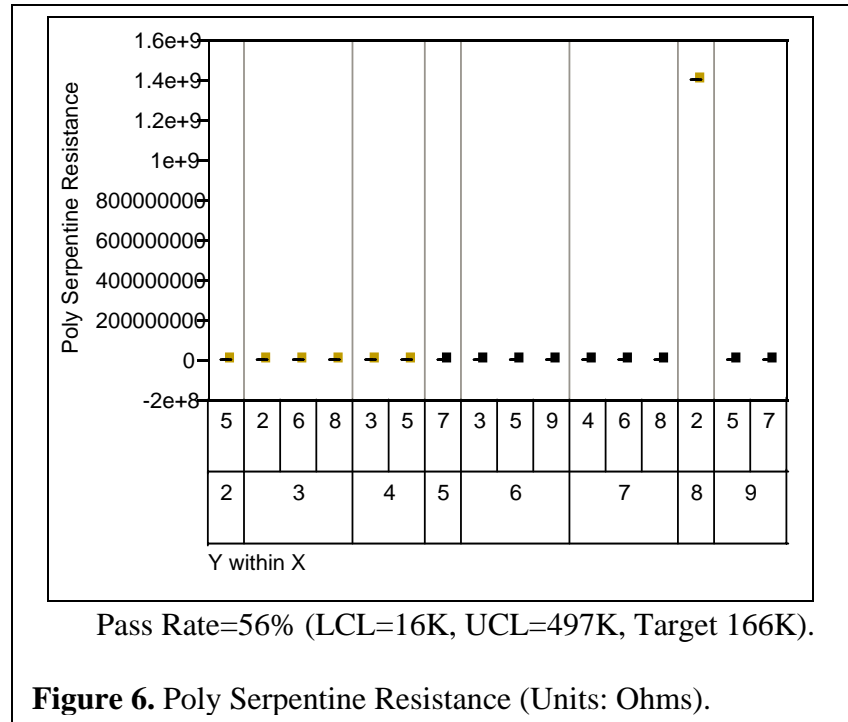
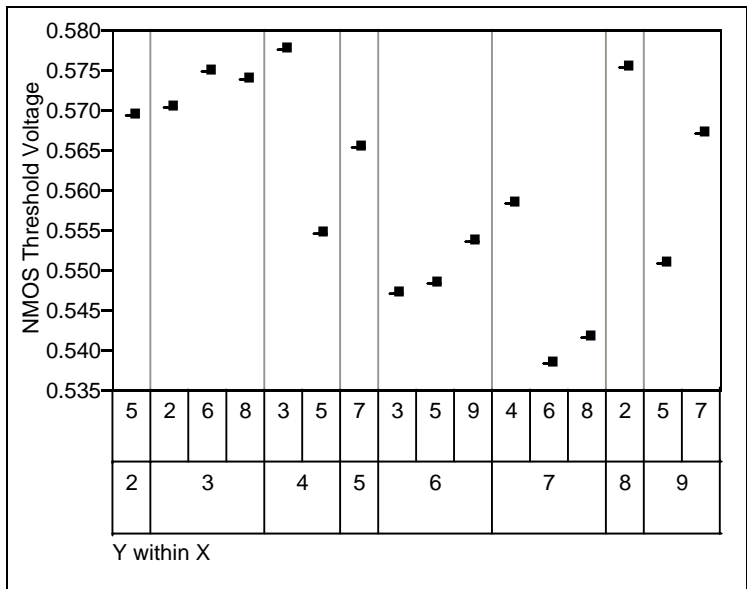
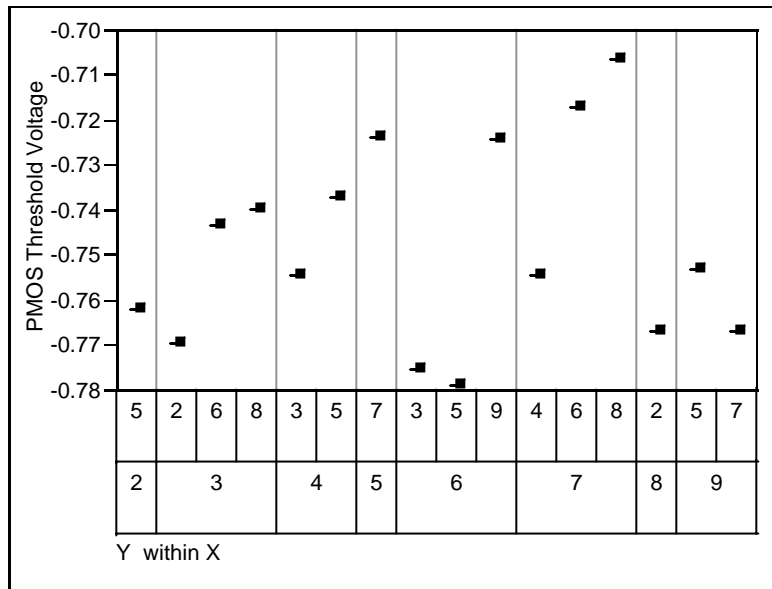


Figure 6. Poly Serpentine Resistance (Units: Ohms).



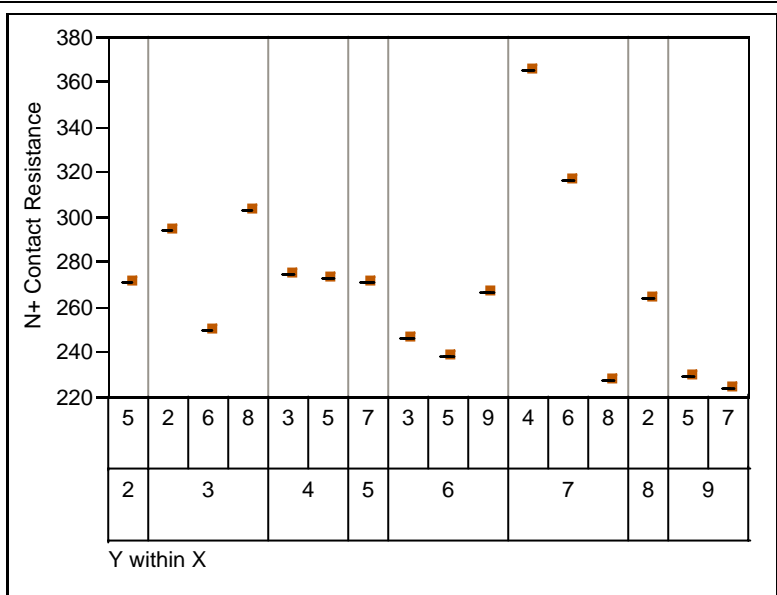
Pass Rate=100% (LCL=0, UCL=3, Target 0.75).

Figure 7. NMOS Threshold Voltage (Units: Volts).



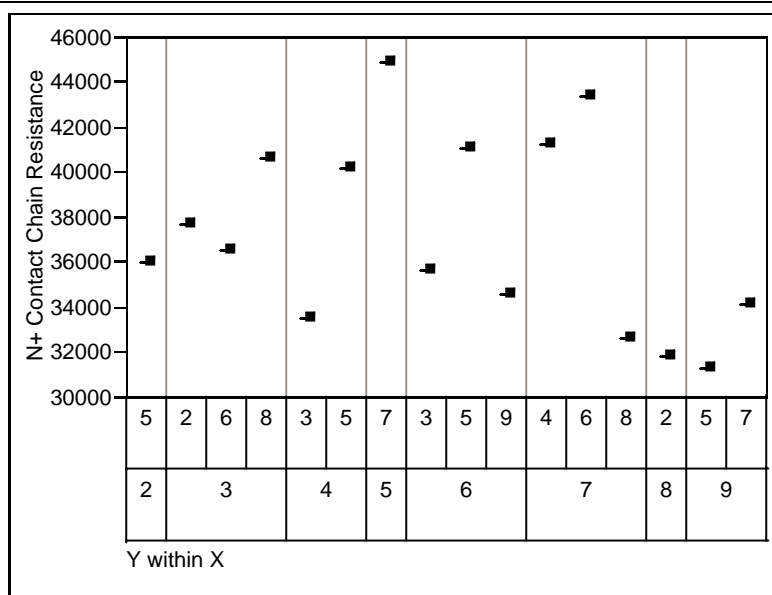
Pass Rate=100% (LCL= -3, UCL=0, Target 0.75)

Figure 8. PMOS Threshold Voltage (Units: Volts).



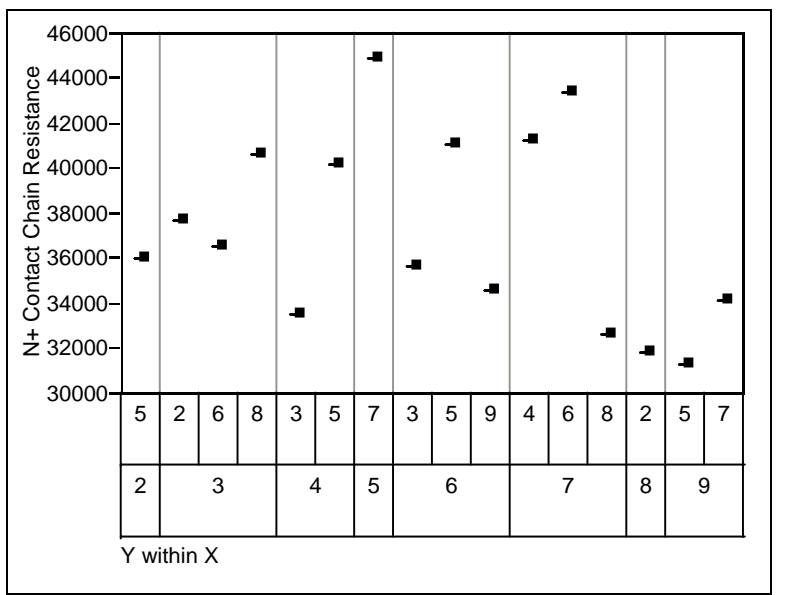
Pass Rate=0% (LCL=0.001, UCL=100, Target 0.1).

Figure 9. N+ Contact Resistance (Units: Ohms).



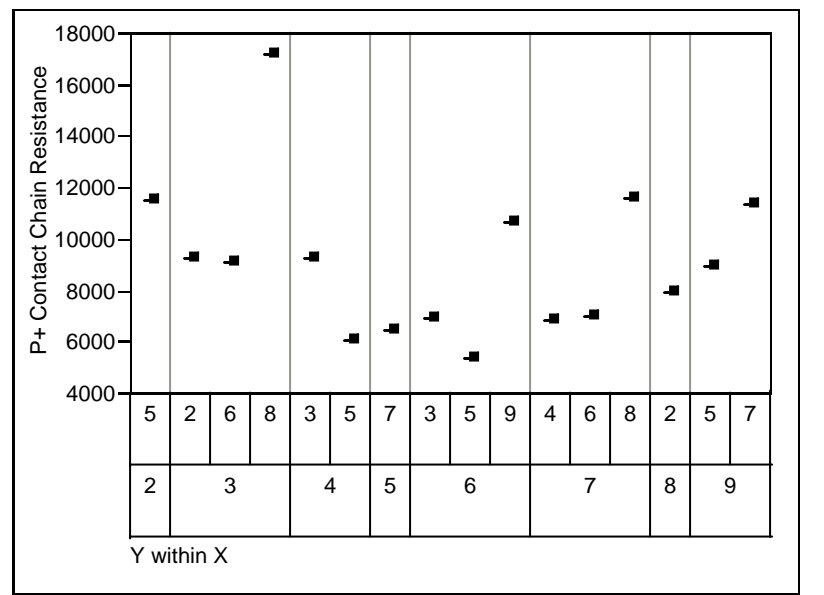
Pass Rate=100% (LCL=1K, UCL=100K, Target 5K).

Figure 10. N+ Contact Chain Resistance (Units: Ohms).



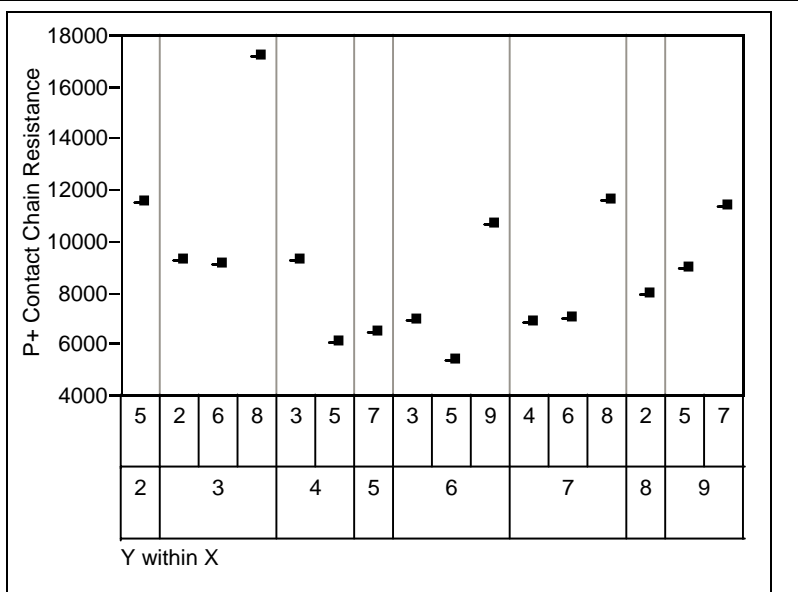
Pass Rate=88% (LCL=0.1, UCL=100, Target 1).

Figure 11. P+ Contact Resistance (Units: Ohms).



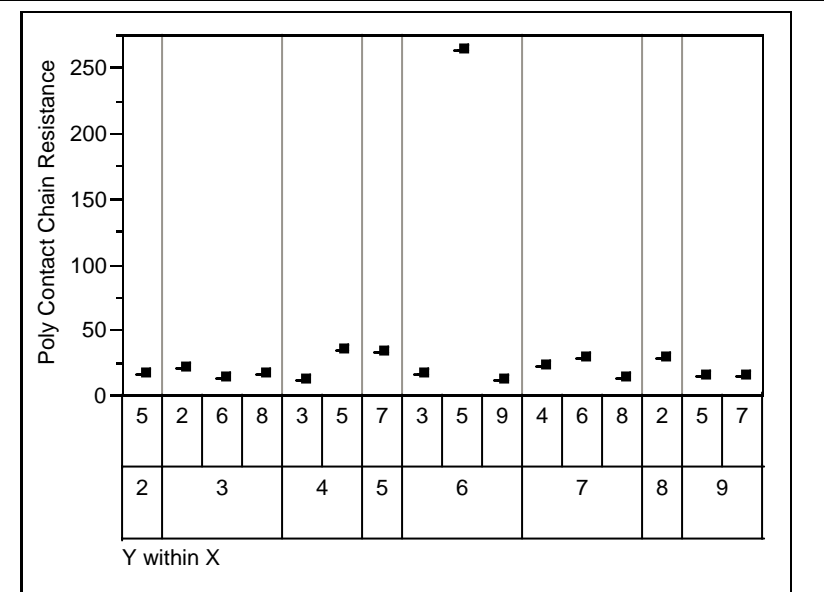
Pass Rate=100% (LCL=1K, UCL=100K, Target 4K).

Figure 12. P+ Contact Chain Resistance (Units: Ohms).



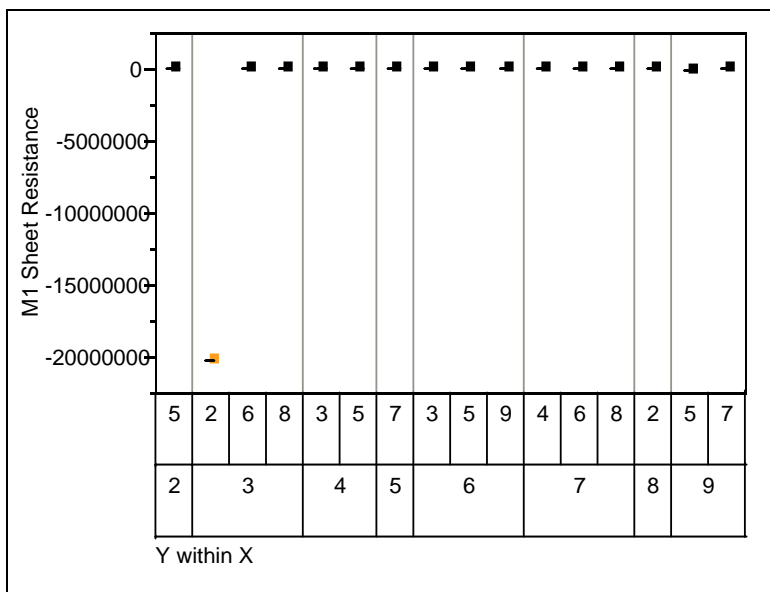
Pass Rate=100% (LCL=0.1, UCL=100, Target 0.1).

Figure 13. Poly Contact Resistance (Units: Ohms).



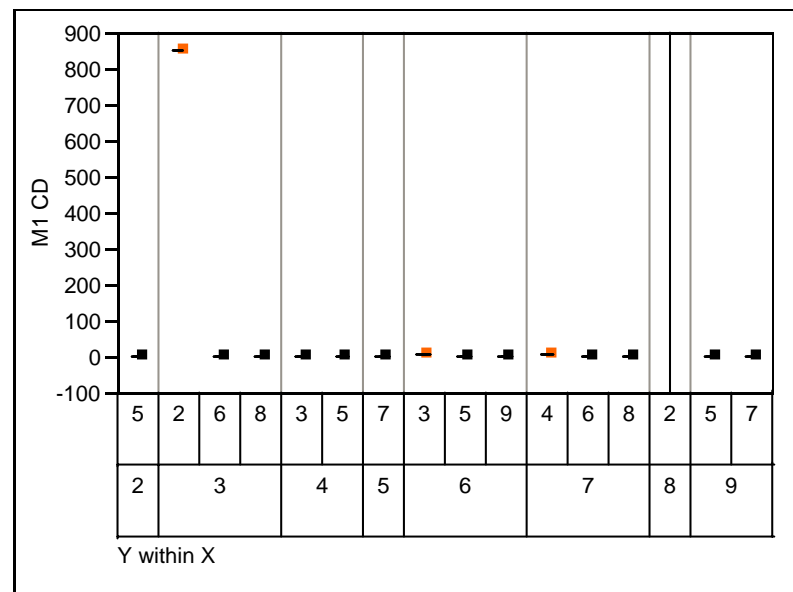
Pass Rate=100% (LCL=1K, UCL=100K, Target 4.9K).

Figure 14. Poly Contact Chain Resistance (Units: Ohms).



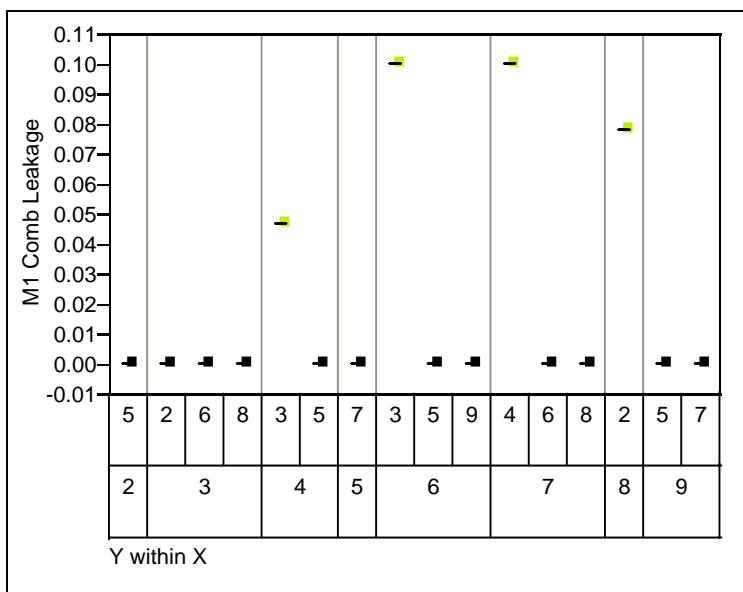
Pass Rate=87% (LCL=10m, UCL=100m, Target 56.7m).

Figure 15. M1 Sheet Resistance.



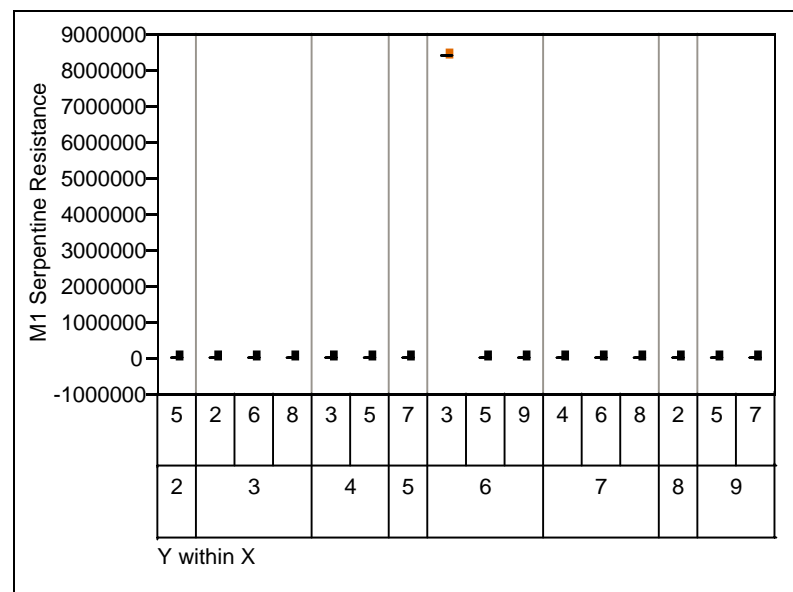
Pass Rate=81% (LCL=1, UCL=5.5, Target 3).

Figure 16. M1 CD (Units: μm).



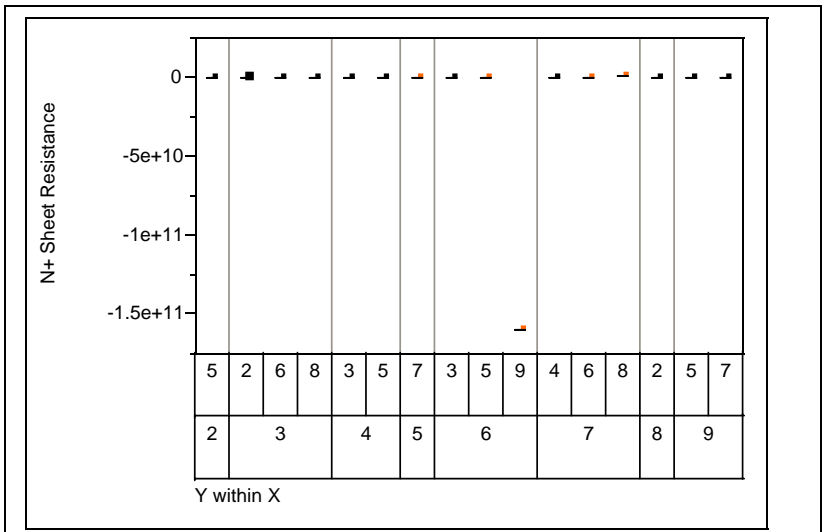
Pass Rate=75% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 17. M1 Comb Leakage.



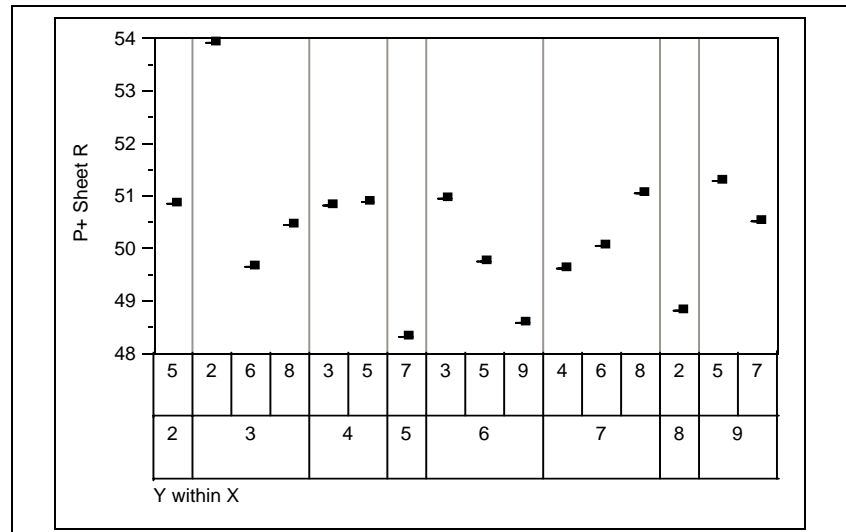
Pass Rate=94% (LCL=10, UCL=450, Target 85).

Figure 18. M1 Serpentine Resistance (Units: Ohms).



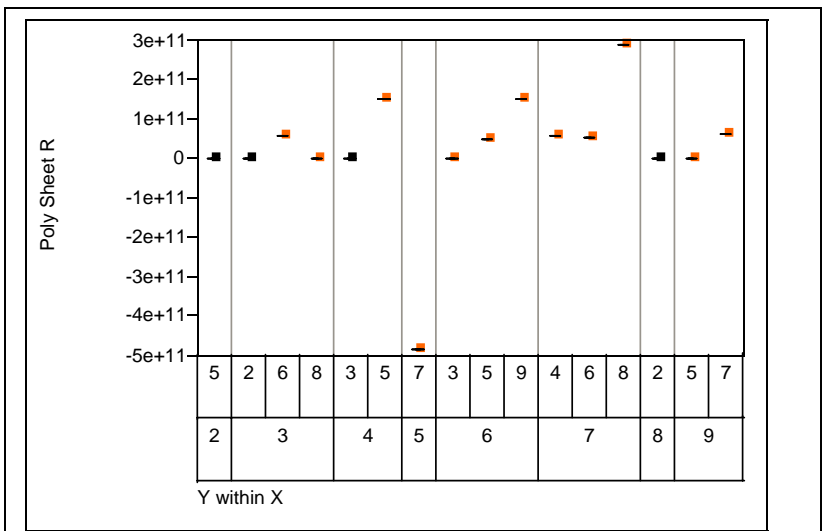
Pass Rate=69% (LCL=3, UCL=150, Target 30).

Figure 1. N+ Sheet Resistance (Units: Ohms).



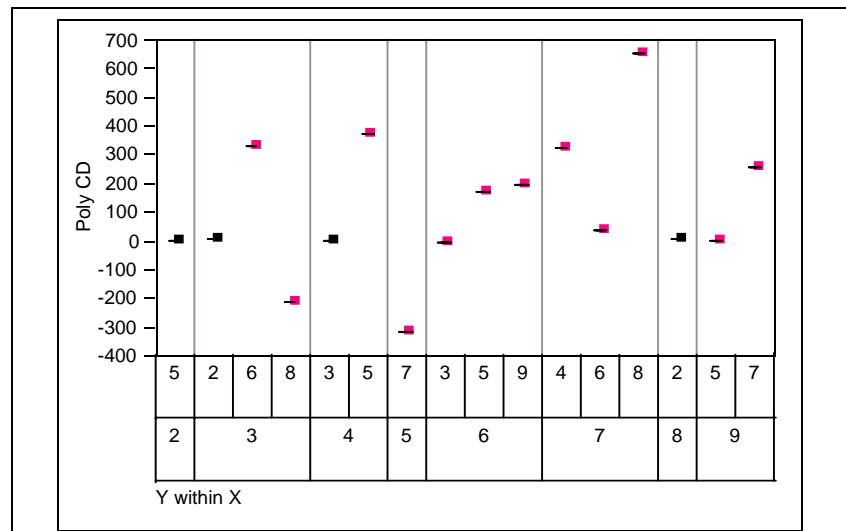
Pass Rate=100% (LCL=3, UCL=120, Target 39).

Figure 2. P+ Sheet Resistance (Units: Ohms).



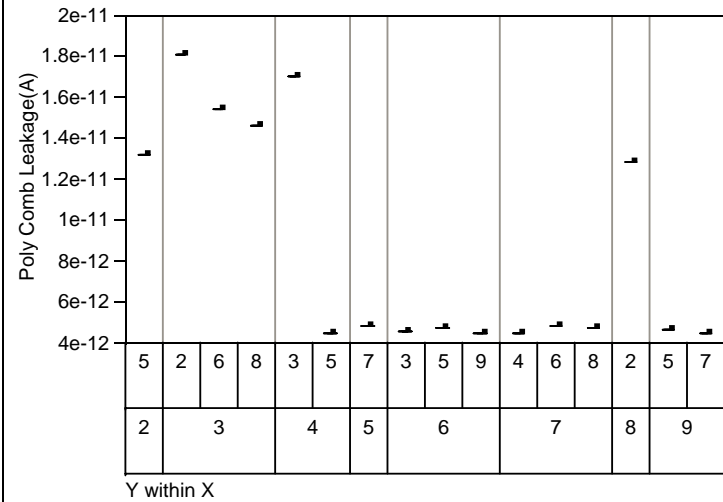
Pass Rate=25%(LCL=3, UCL=150, Target 49).

Figure 3. Poly Sheet Resistance (Units: Ohms).



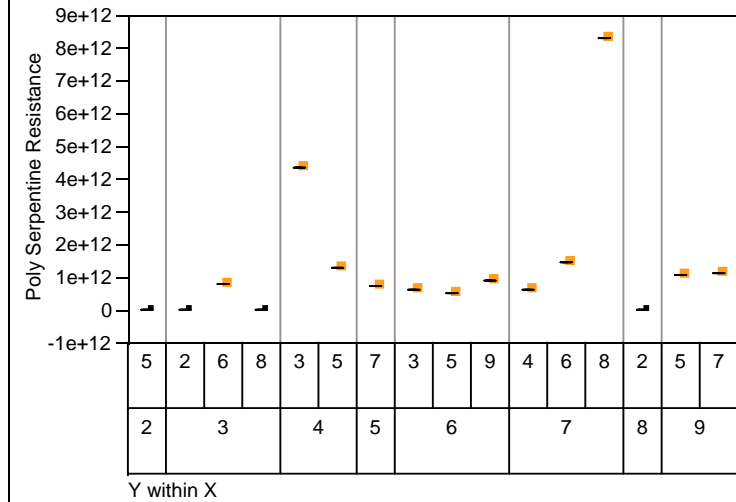
Pass Rate=25% (LCL=0.1, UCL=6, Target 2).

Figure 4. Poly CD (Units: μm).



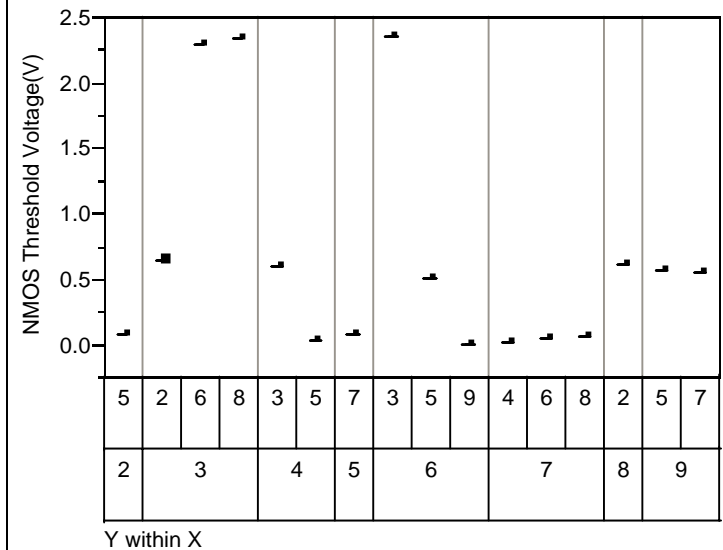
Pass Rate=100% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 5. Poly Comb Leakage (Units: Amps).



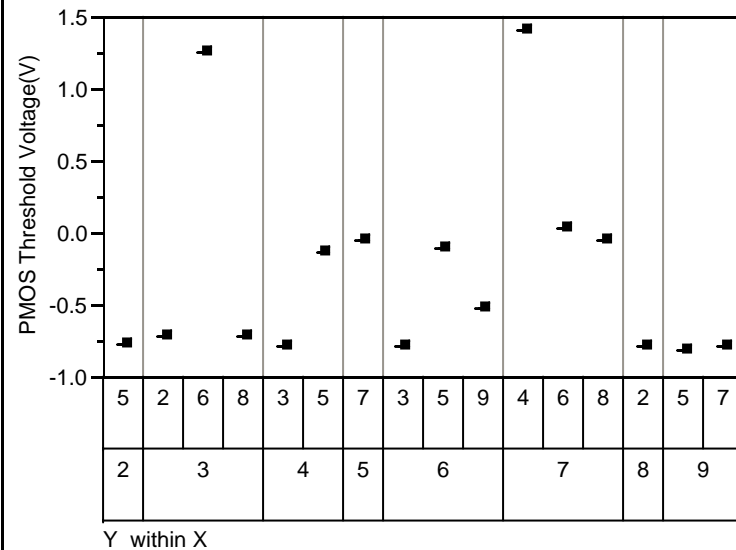
Pass Rate=28% (LCL=16, UCL=497, Target 166).

Figure 6. Poly Serpentine Resistance (Units: Ohms).



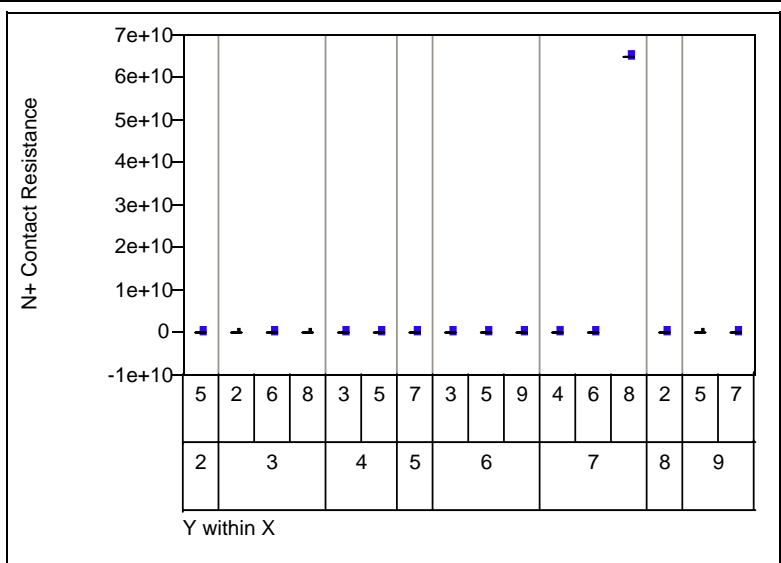
Pass Rate=100% (LCL=0, UCL=3, Target 0.75).

Figure 7. NMOS Threshold Voltage (Units: Volts).



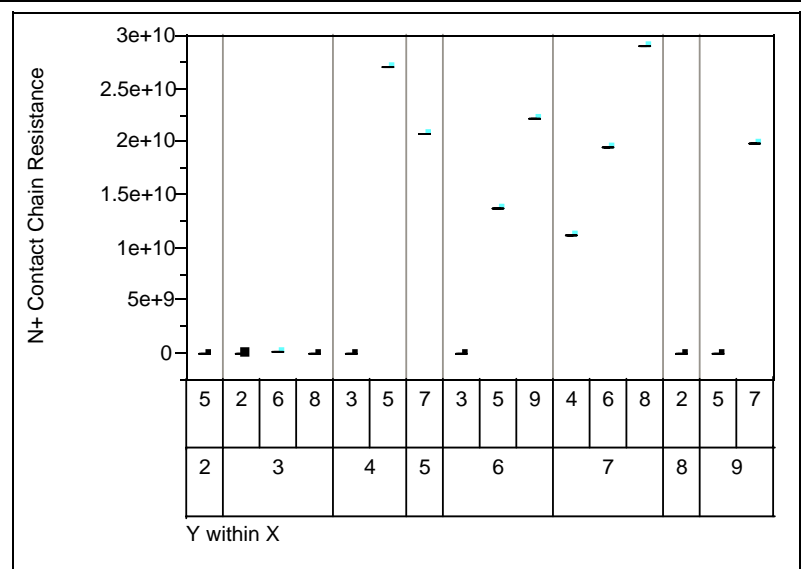
Pass Rate=100% (LCL= -3, UCL=0, Target -0.75)

Figure 8. PMOS Threshold Voltage (Units: Volts).



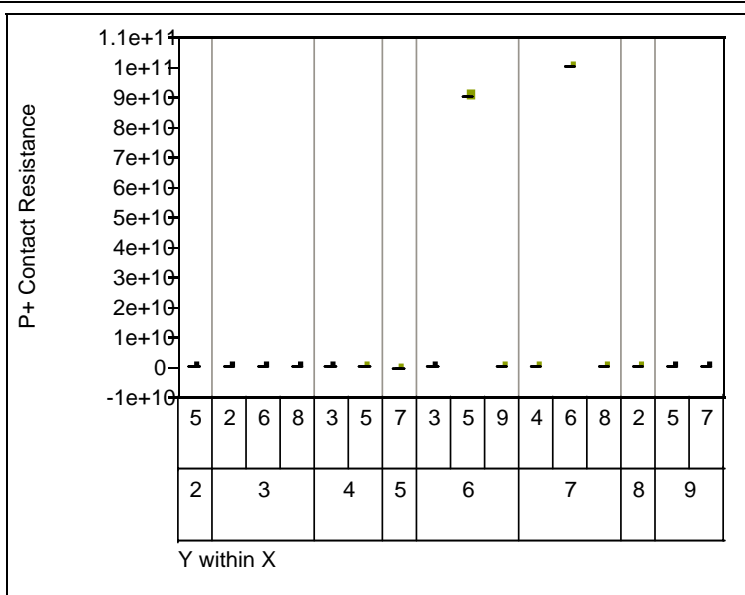
Pass Rate=19% (LCL=0.001, UCL=100, Target 0.1).

Figure 9. N+ Contact Resistance (Units: Ohms).



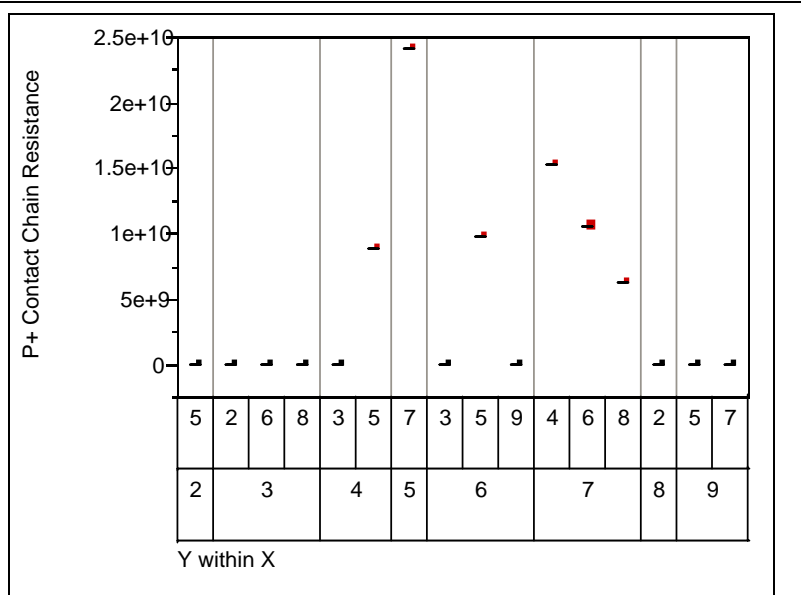
Pass Rate=44% (LCL=1K, UCL=100K, Target 5K).

Figure 10. N+ Contact Chain Resistance (Units: Ohms).



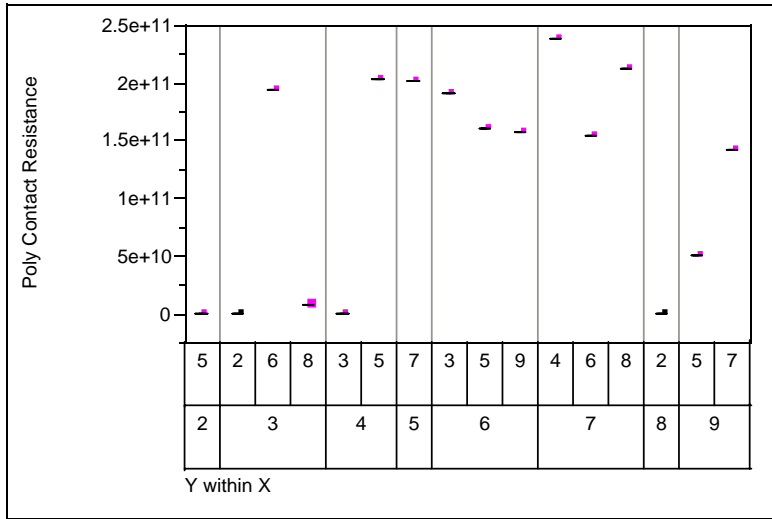
Pass Rate=56% (LCL=0.1, UCL=100, Target 1).

Figure 11. P+ Contact Resistance (Units: Ohms).



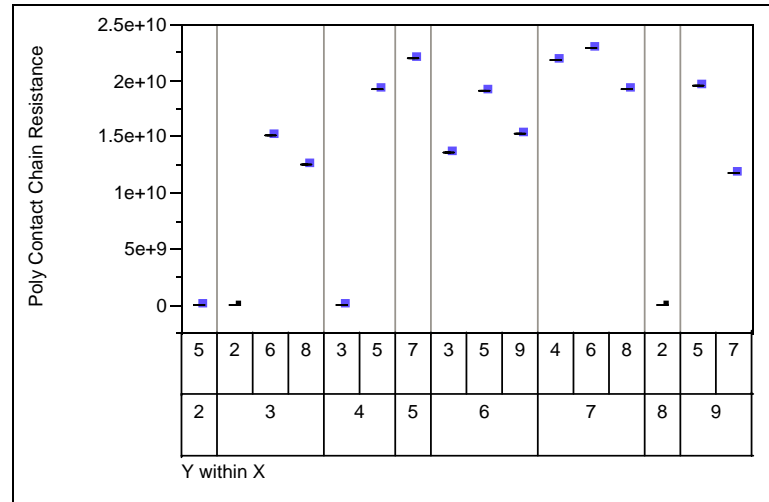
Pass Rate=63% (LCL=1K, UCL=100K, Target 4K).

Figure 12. P+ Contact Chain Resistance (Units: Ohms).



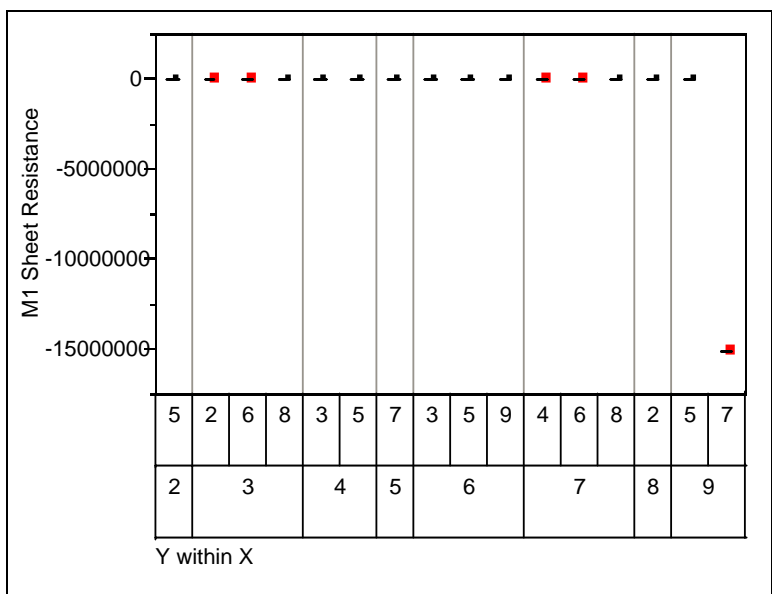
Pass Rate=13% (LCL=0.1, UCL=100, Target 0.1).

Figure 13. Poly Contact Resistance (Units: Ohms).



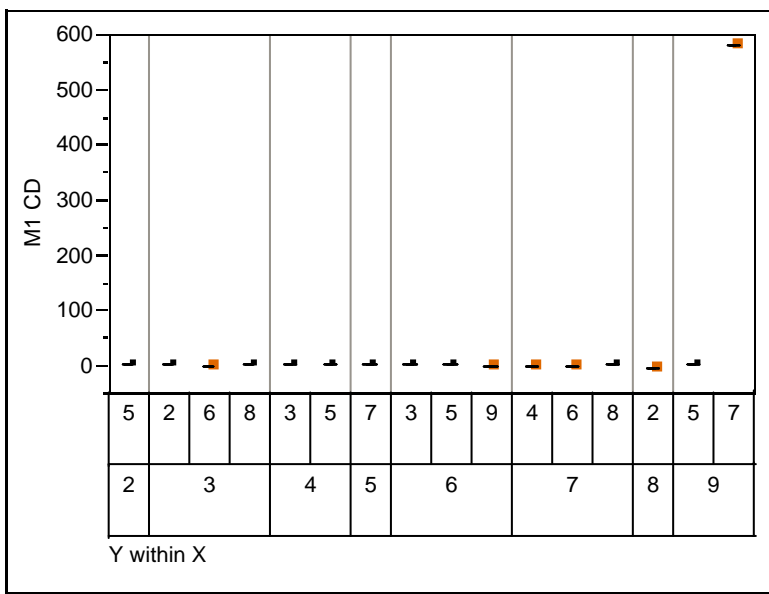
Pass Rate=13% (LCL=1K, UCL=100K, Target 4.9K).

Figure 14. Poly Contact Chain Resistance (Units: Ohms).



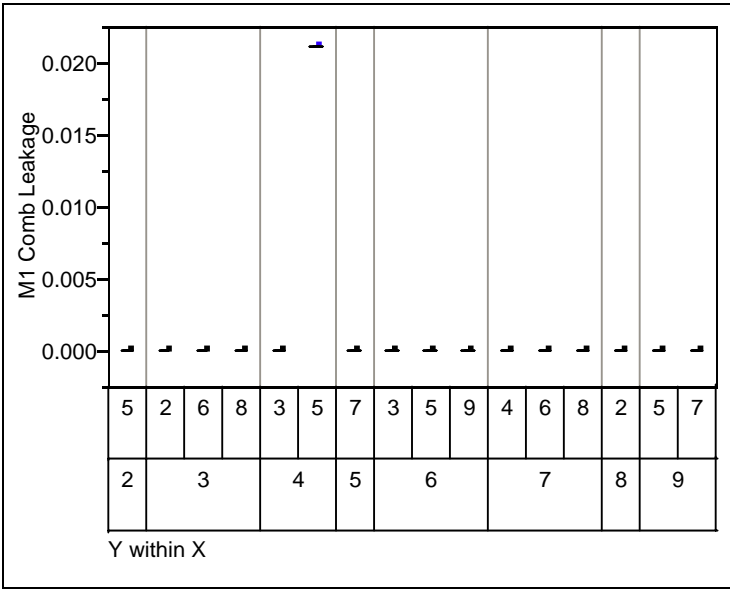
Pass Rate=69% (LCL=10m, UCL=100m, Target 56.7m).

Figure 15. Metall Sheet Resistance (Units: mOhms).



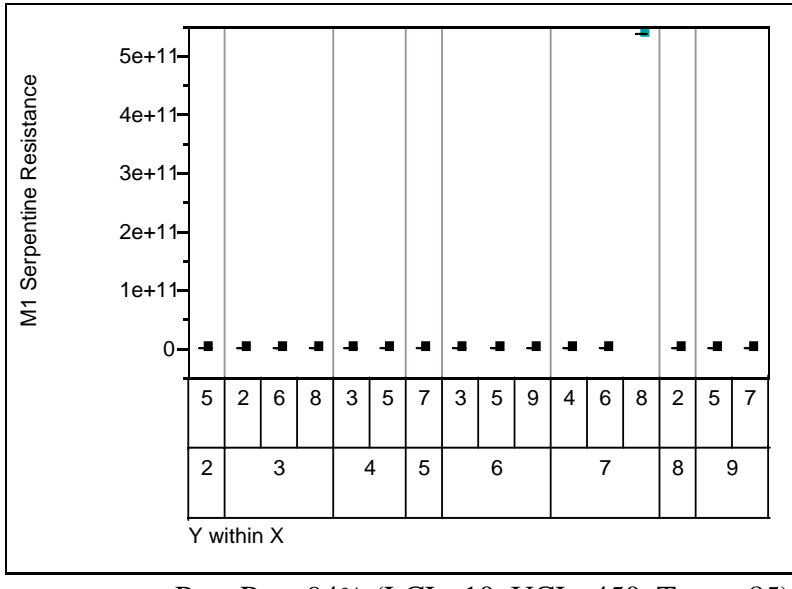
Pass Rate=63% (LCL=1, UCL=5.5, Target 3).

Figure 16. M1 CD (Units: μm).



Pass Rate=94% (LCL=0, UCL=10E-9, Target 10E-12).

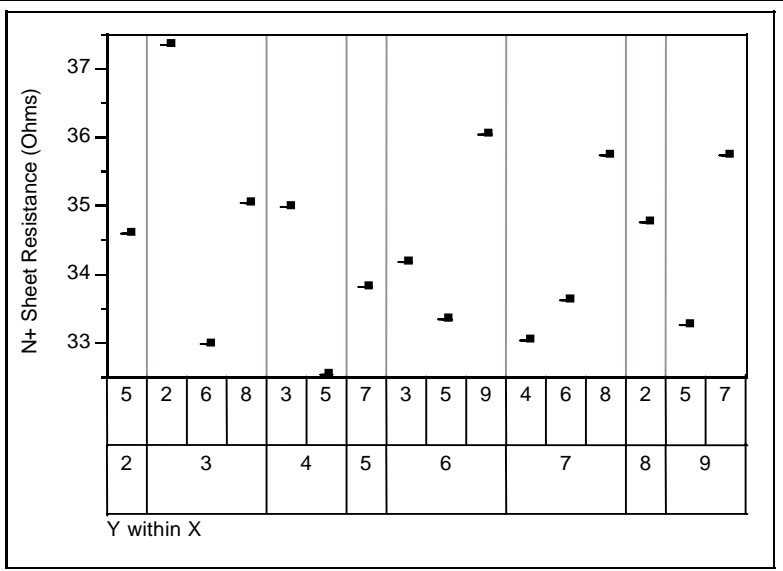
Figure 17. M1 Comb Leakage (Units: Amps).



Pass Rate 94% (LCL=10, UCL=450, Target 85).

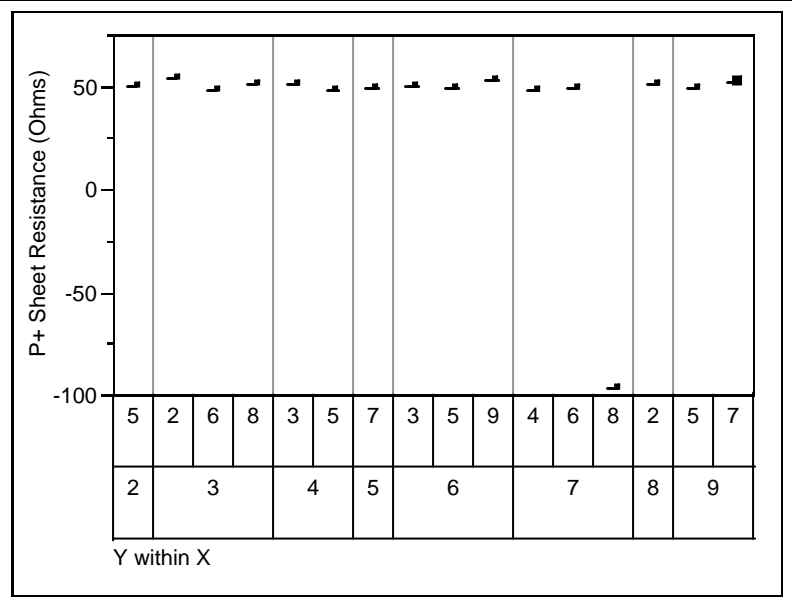
Figure 18. M1 Serpentine Resistance (Units: Ohms).

Wafer 4



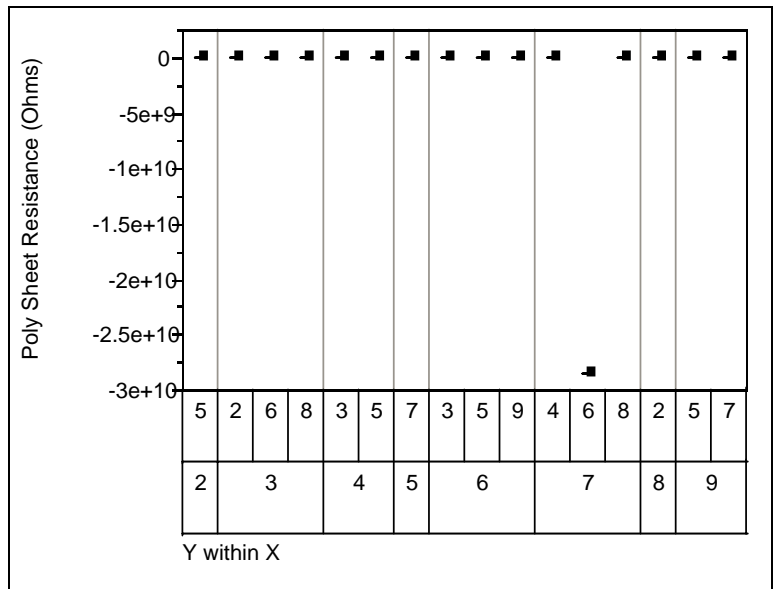
Pass Rate=100% (LCL=3, UCL=150, Target 30).

Figure 1. N+ Sheet Resistance (Units: Ohms)



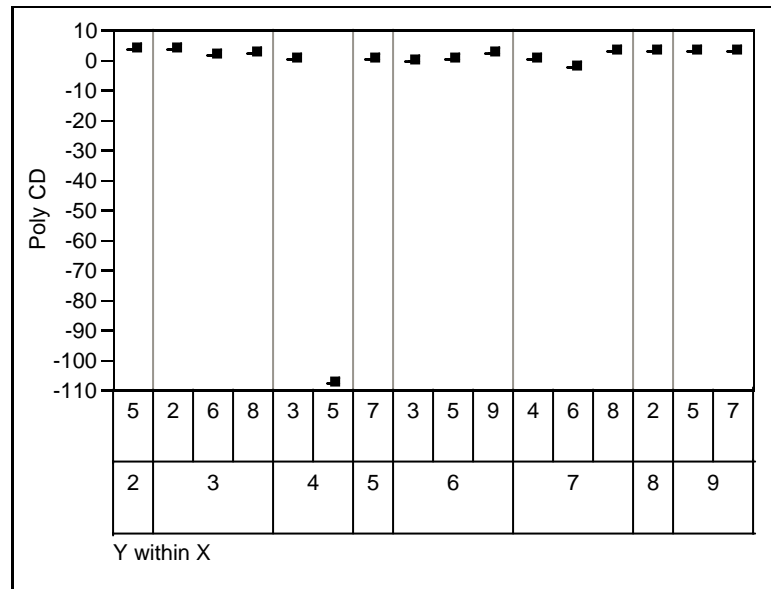
Pass Rate=94% (LCL=3, UCL=120, Target 39).

Figure 2. P+ Sheet Resistance (Units: Ohms).



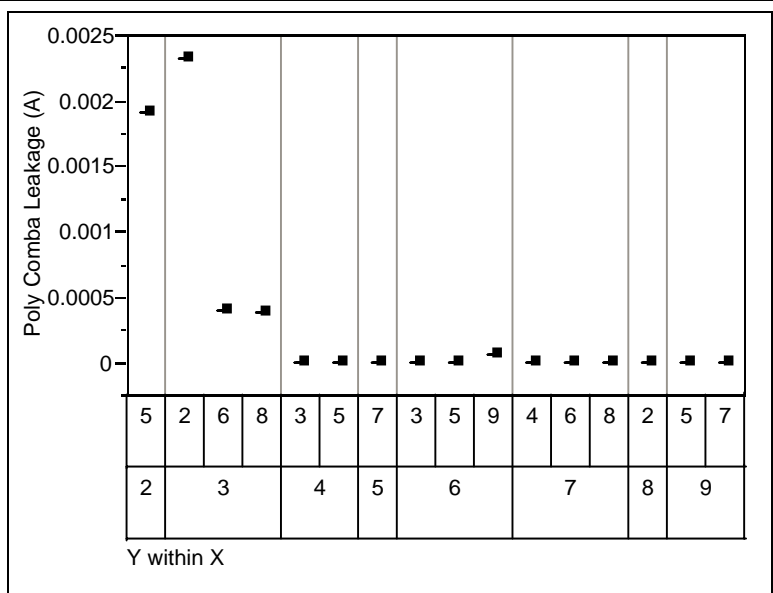
Pass Rate=63% (LCL=3, UCL=150, Target 49).

Figure 3. Poly Sheet Resistance (Units: Ohms).



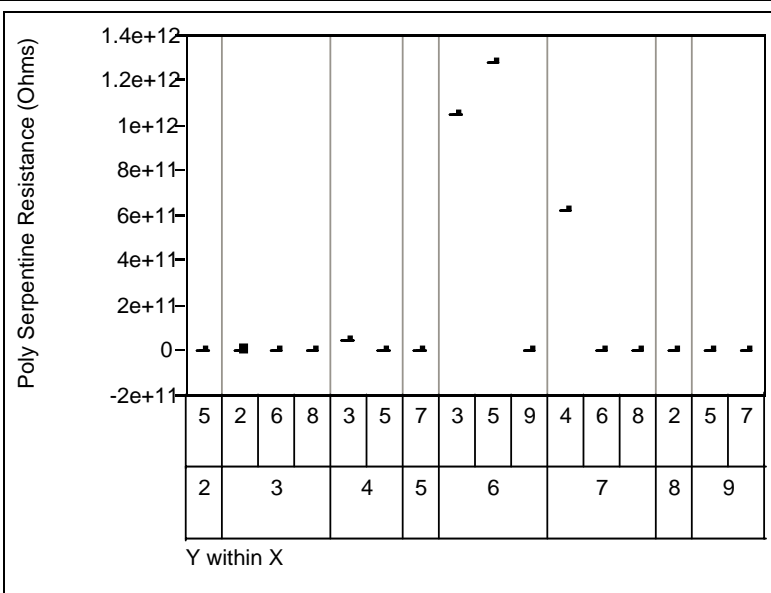
Pass Rate=63% (LCL=0.1, UCL=6, Target 2).

Figure 4. Poly CD (Units: μm).



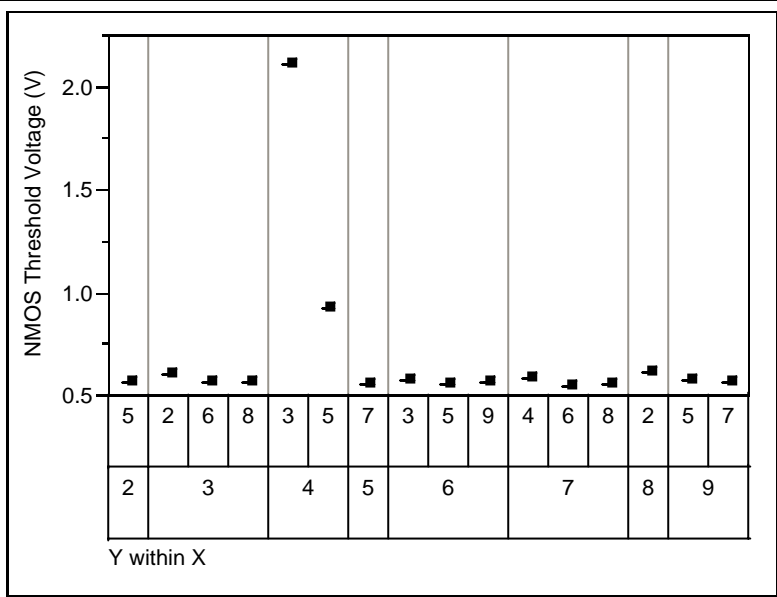
Pass Rate=69% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 5. Poly Comb Leakage (Units: Amps).



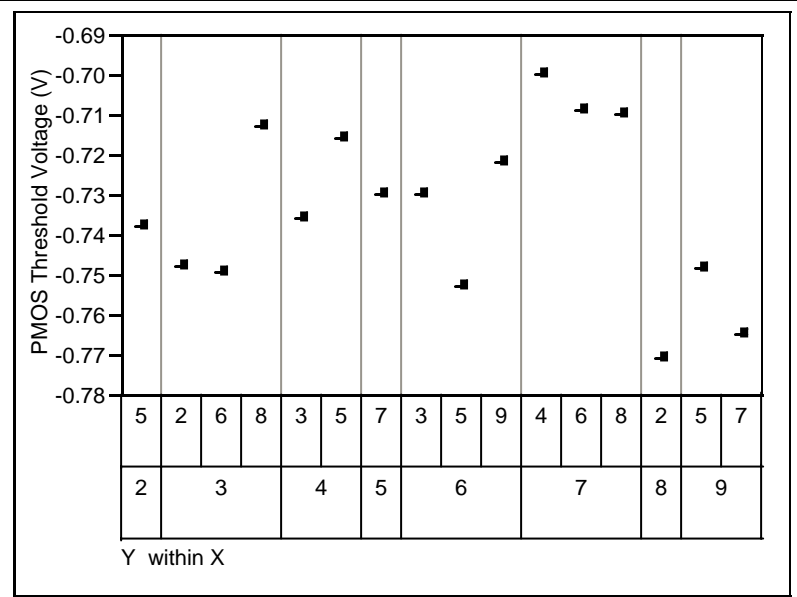
Pass Rate=69% (LCL=16, UCL=497, Target 166).

Figure 6. Poly Serpentine Resistance (Units: Ohms).



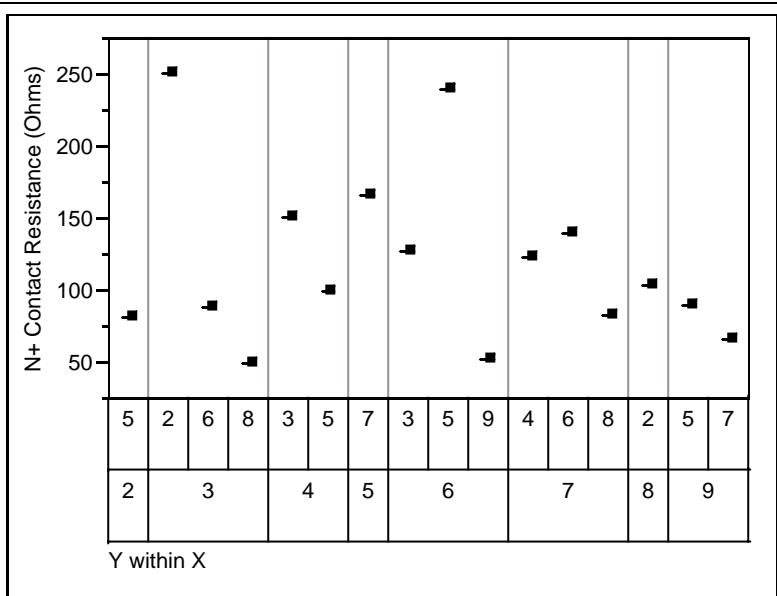
Pass Rate=100% (LCL=0, UCL=3, Target 0.75).

Figure 7.NMOS Threshold Voltage (Units: Volts).



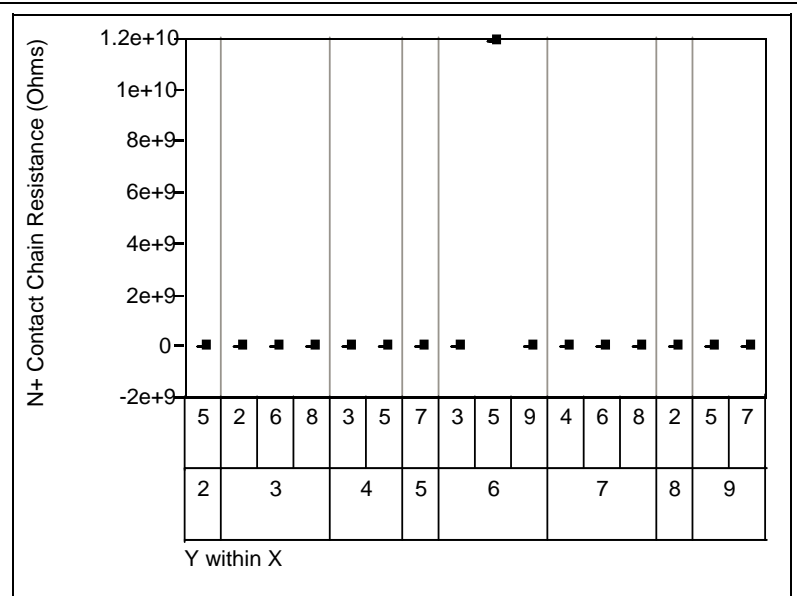
Pass Rate=100% (LCL=-3, UCL=0, Target -0.75)

Figure 8.PMOS Threshold Voltage (Units: Volts).



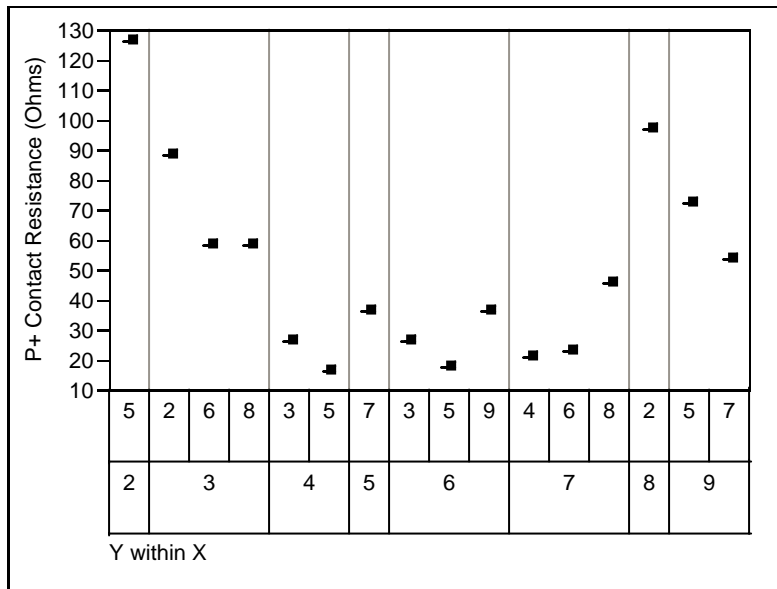
Pass Rate=50% (LCL=0.001, UCL=100, Target 0.1).

Figure 9. N+ Contact Resistance (Units: Ohms).



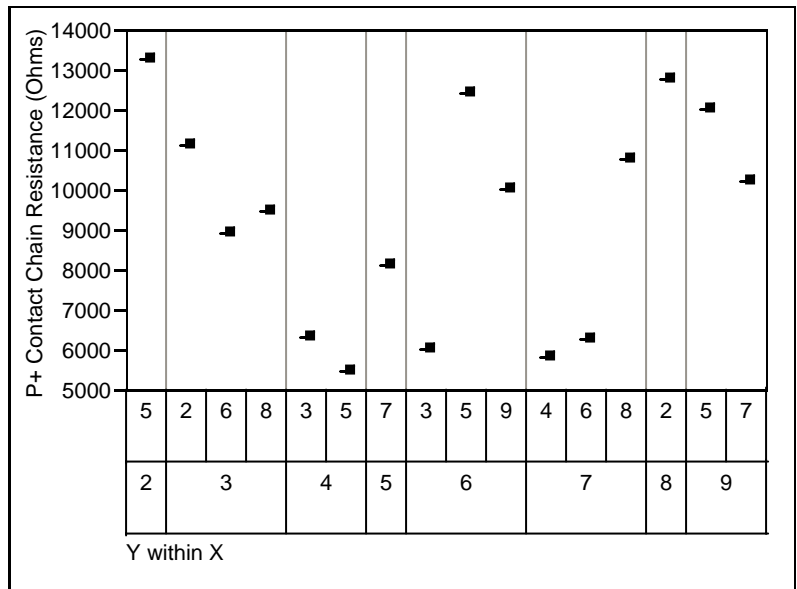
Pass Rate=94% (LCL=1K, UCL=100K, Target 5K).

Figure 10.N+ Contact Chain Resistance (Units: Ohms).



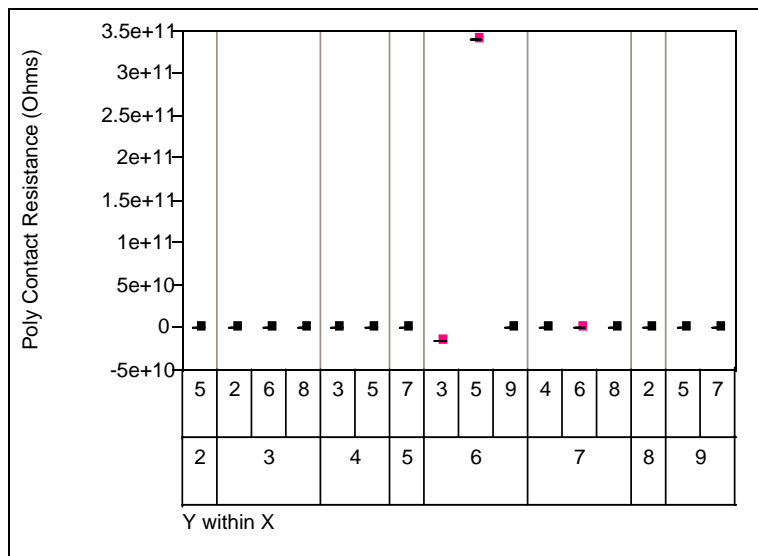
Pass Rate=94% (LCL=0.1, UCL=100, Target 1).

Figure 11. P+ Contact Resistance (Units: Ohms).



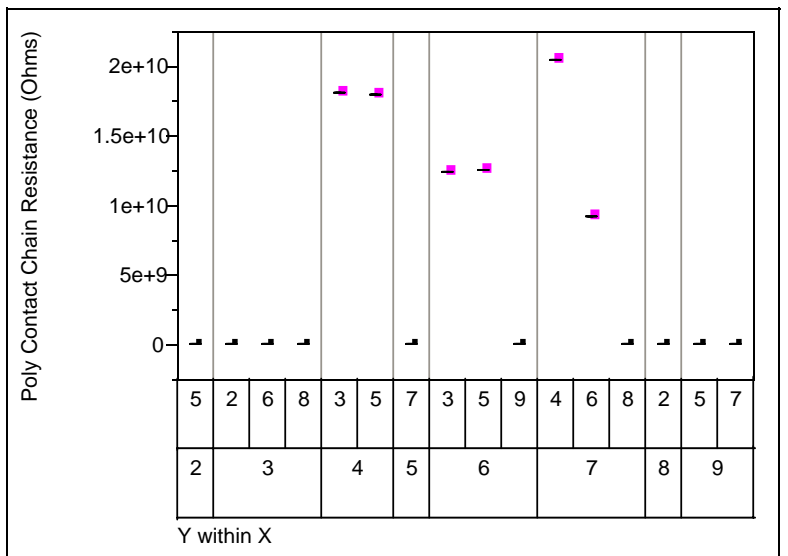
Pass Rate=100% (LCL=1K, UCL=100K, Target 4K).

Figure 12. P+ Contact Chain Resistance (Units: Ohms).



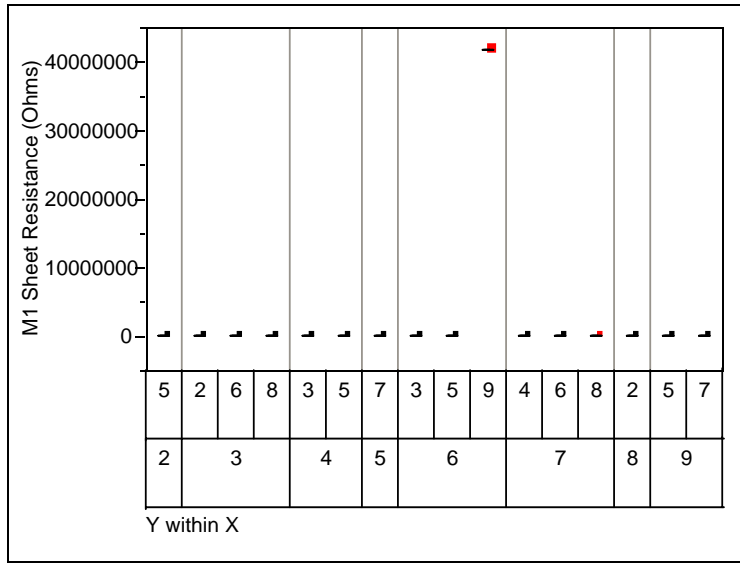
Pass Rate=81% (LCL=0.1, UCL=100, Target 0.1).

Figure 13. Poly Contact Resistance (Units: Ohms).



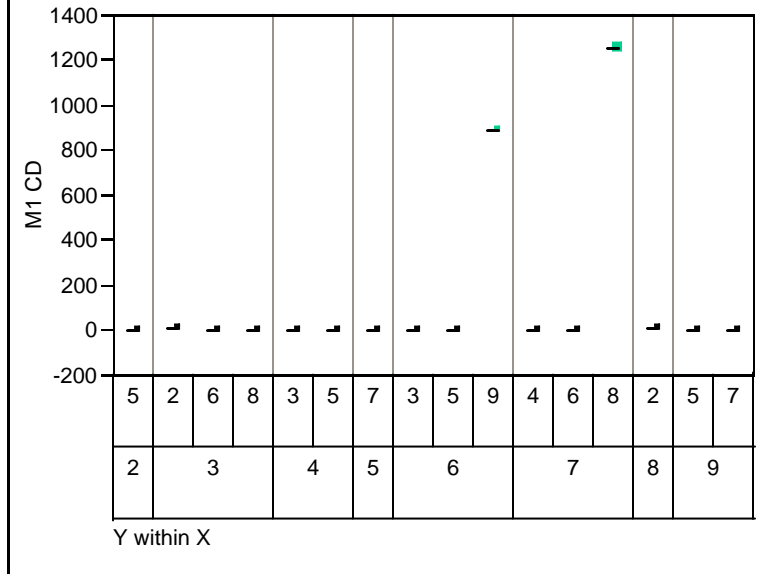
Pass Rate=63% (LCL=1K, UCL=100K, Target 4.9K).

Figure 14. Poly Contact Chain Resistance (Units: Ohms).



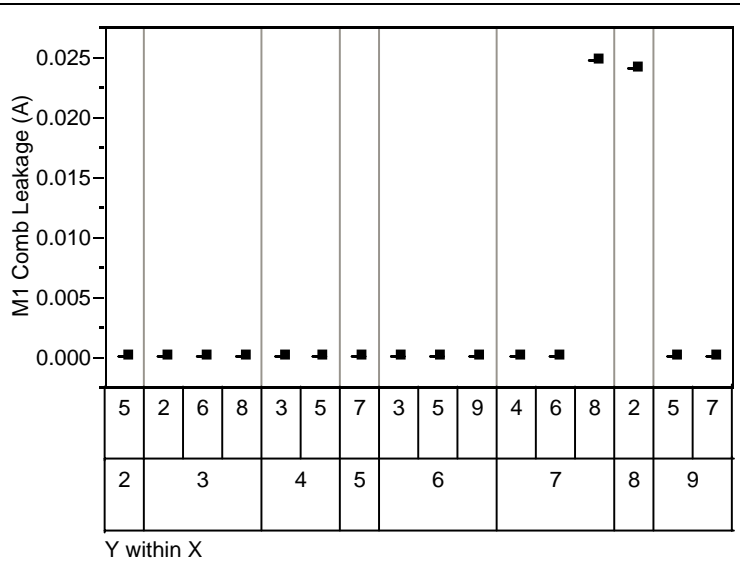
Pass Rate=88% (LCL=10m, UCL=100m, Target 56.7m).

Figure 15. Metal1 Sheet Resistance (Units: mOhms).



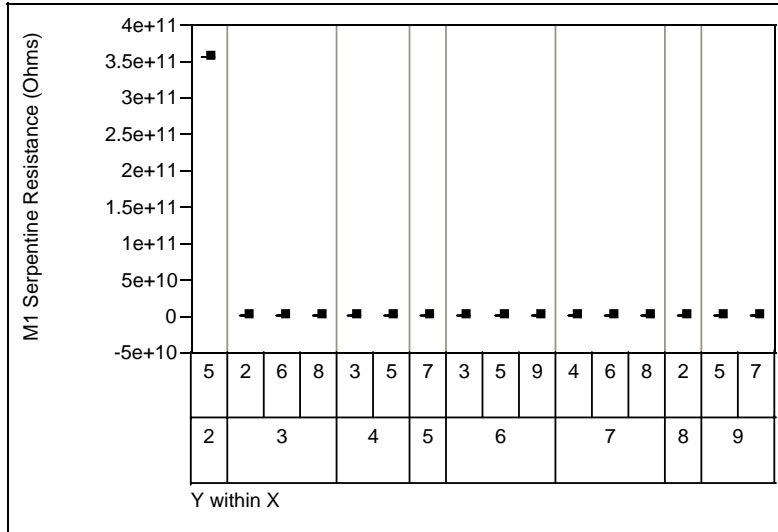
Pass Rate=88% (LCL=1, UCL=5.5, Target 3).

Figure 16. M1 CD (Units: μm).



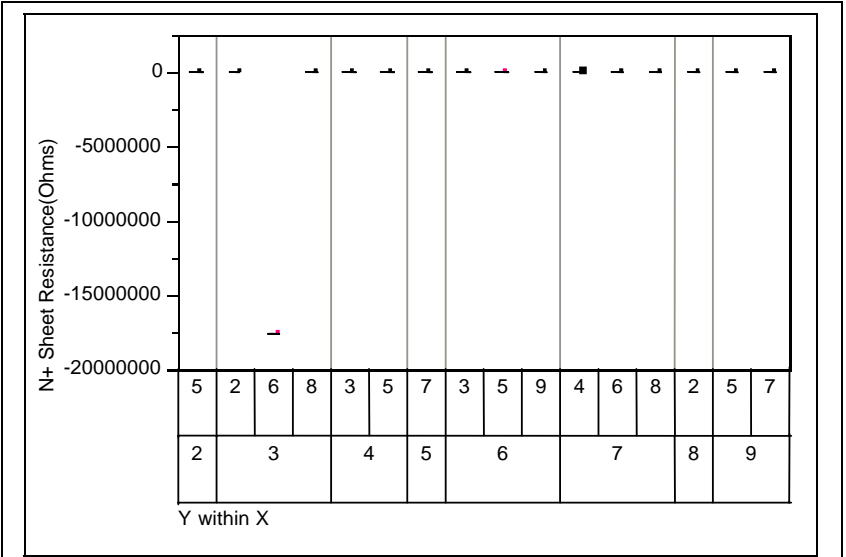
Pass Rate=88% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 17. M1 Comb Leakage (Units: Amps).



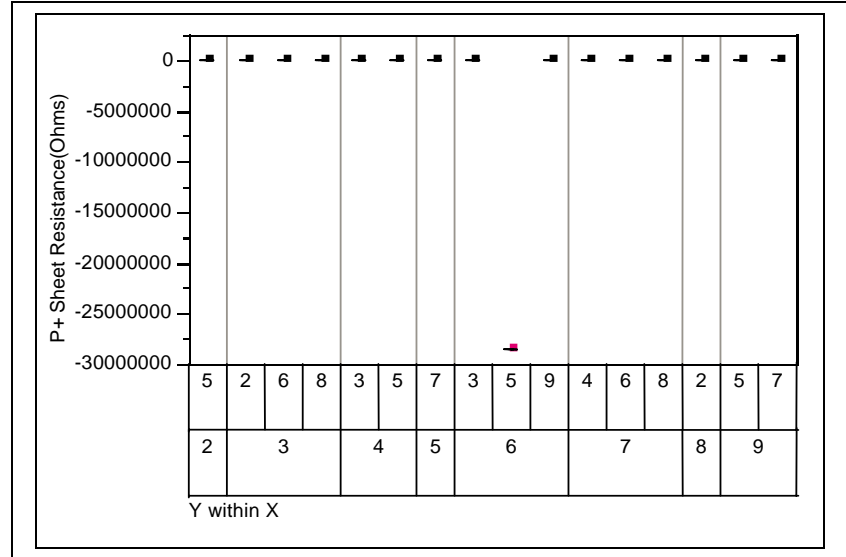
Pass Rate=94% (LCL=10, UCL=450, Target 85).

Figure 18. M1 Serpentine Resistance (Units: Ohms).



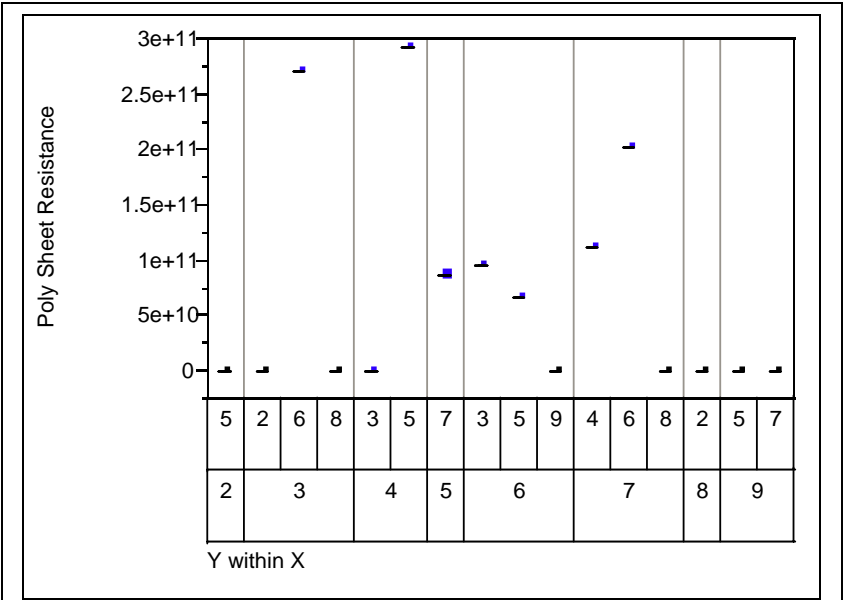
Pass Rate=88% (LCL=3, UCL=150, Target 30).

Figure 1. N+ Sheet Resistance (Units: Ohms)



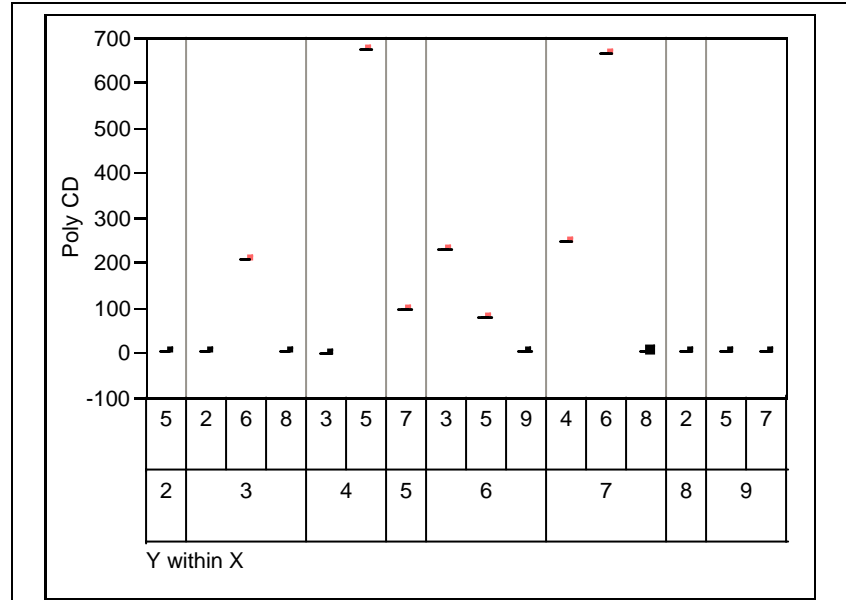
Pass Rate=94% (LCL=3, UCL=120, Target 39).

Figure 2. P+ Sheet Resistance (Units: Ohms).



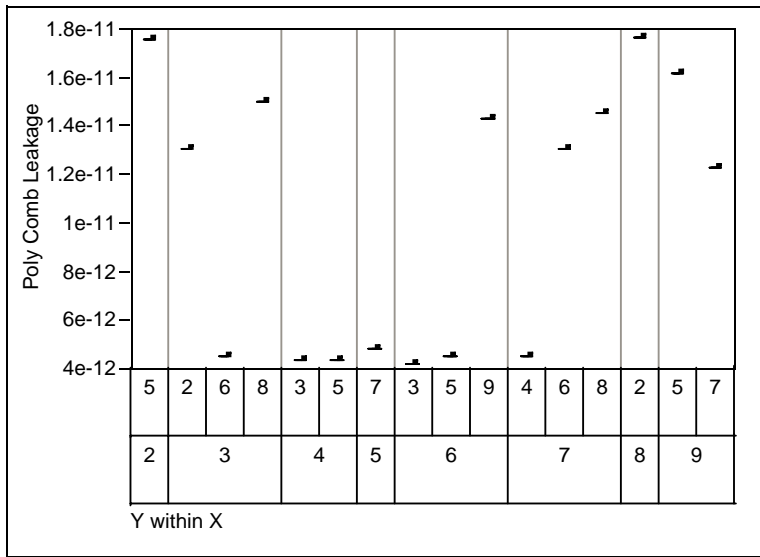
Pass Rate=50% (LCL=3, UCL=150, Target 49).

Figure 3. Poly Sheet Resistance (Units: Ohms).



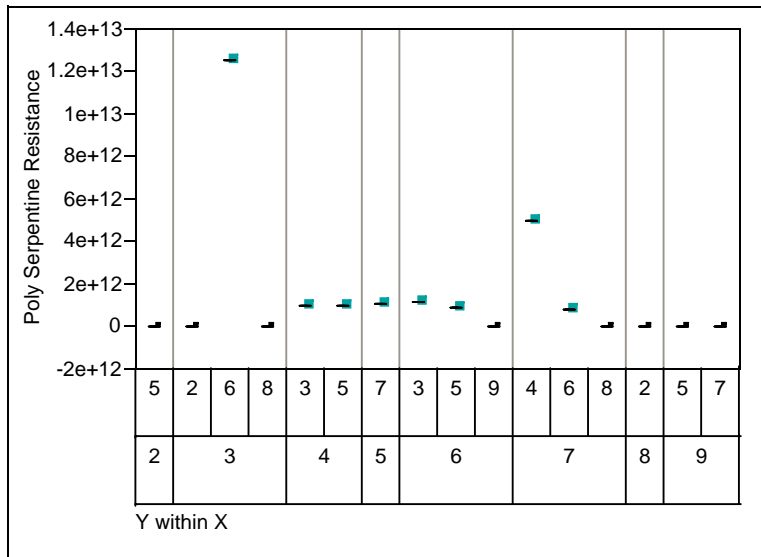
Pass Rate=56% (LCL=0.1, UCL=6, Target 2).

Figure 4. Poly CD (Units: μm).



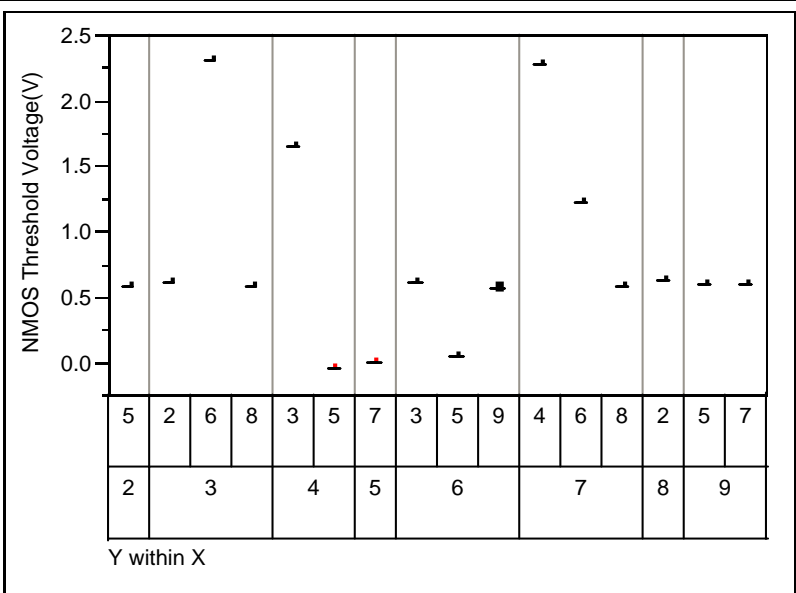
Pass Rate=100%(LCL=0, UCL=10E-9, Target 10E-12).

Figure 5. Poly Comb Leakage (Units: Amps).



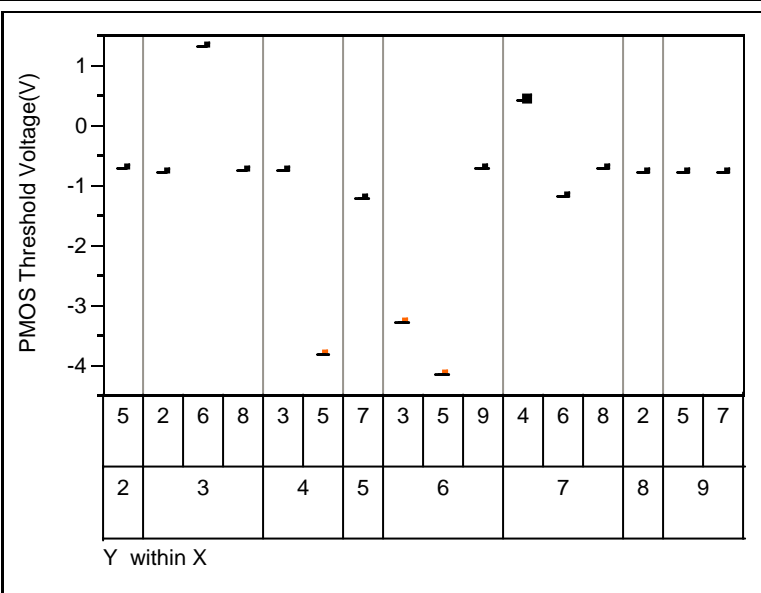
Pass Rate=50% (LCL=16K UCL=497K, Target 166K).

Figure 6. Poly Serpentine Resistance (Units: Ohms).



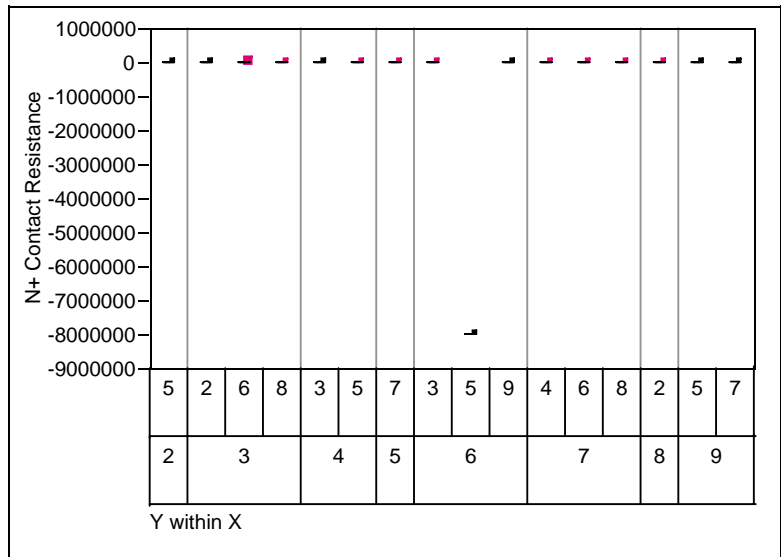
Pass Rate=88% (LCL=0, UCL=3, Target 0.75).

Figure 7. NMOS Threshold Voltage (Units: Volts).



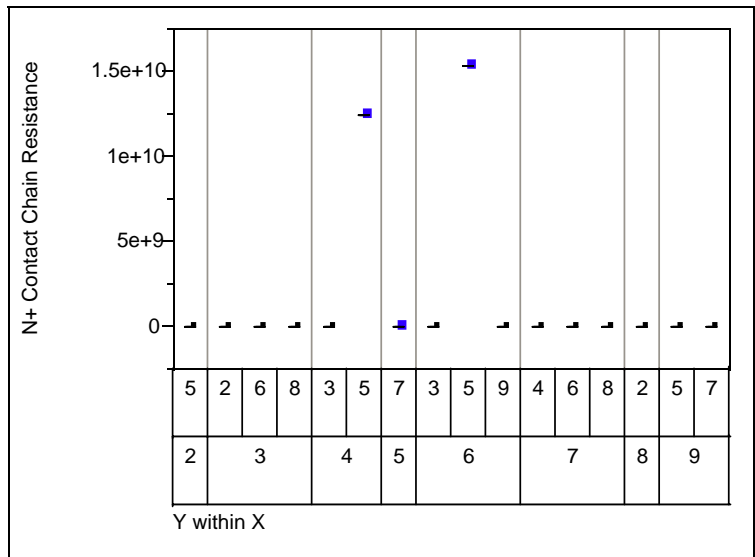
Pass Rate=81% (LCL= -3, UCL=0, Target -0.75).

Figure 8. PMOS Threshold Voltage (Units: Volts).



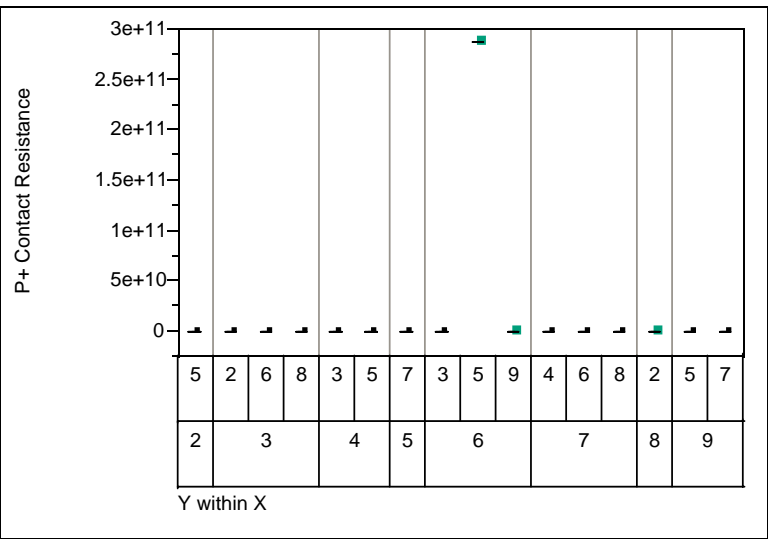
Pass Rate=44% (LCL=0.001, UCL=100, Target 0.1).

Figure 9. N+ Contact Resistance (Units: Ohms).



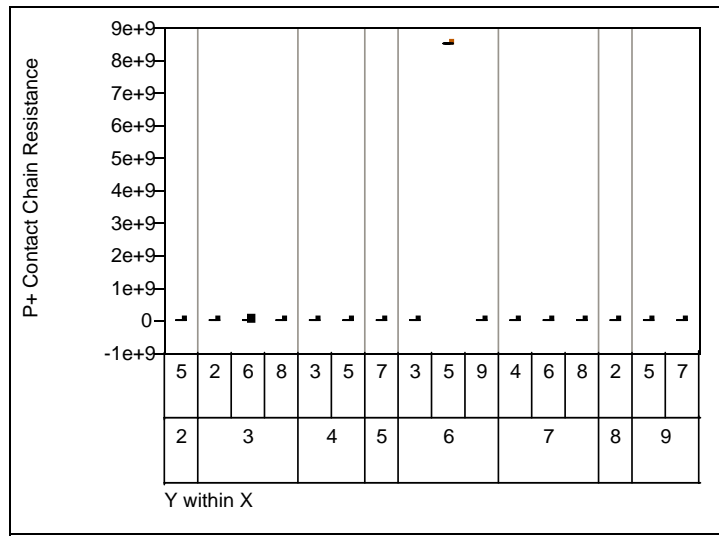
Pass Rate=81% (LCL=1K, UCL=100K, Target 5K).

Figure 10. N+ Contact Chain Resistance (Units: Ohms).



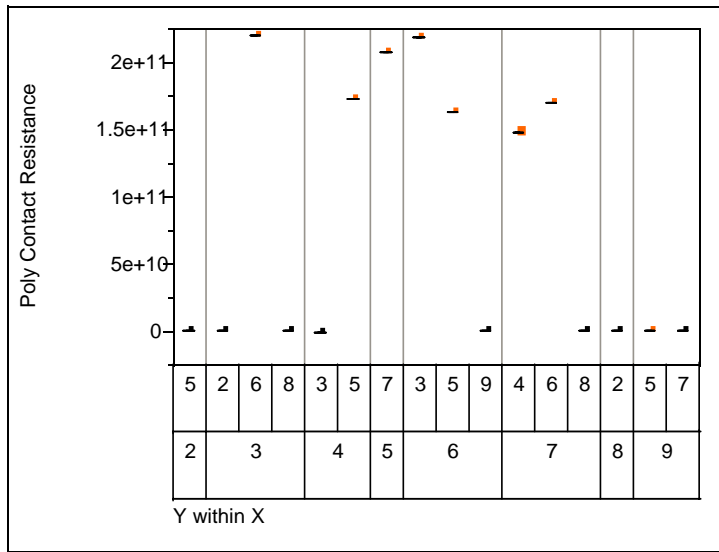
Pass Rate=81% (LCL=0.1, UCL=100, Target 1).

Figure 11. P+ Contact Resistance (Units: Ohms).



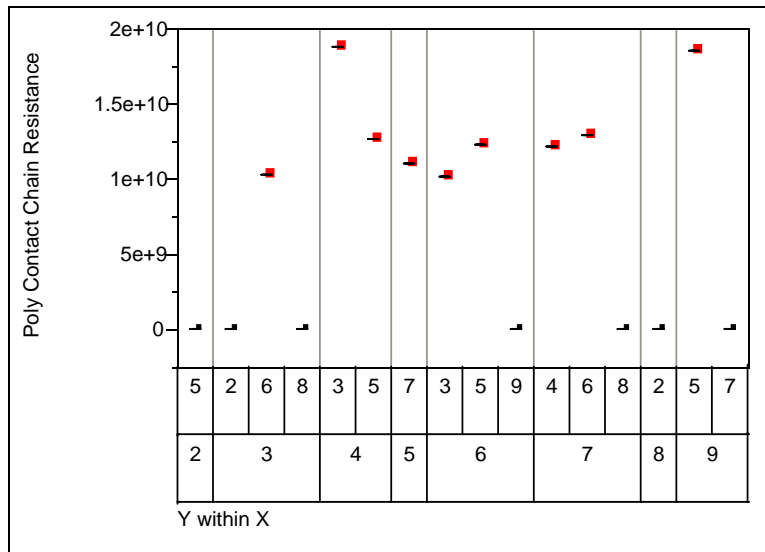
Pass Rate=94% (LCL=1K, UCL=100K, Target 4K).

Figure 12. P+ Contact Chain Resistance (Units: Ohms).



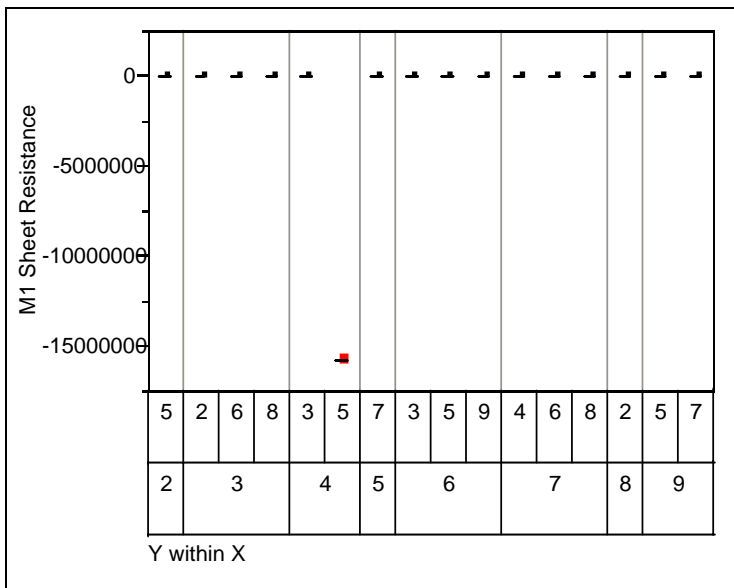
Pass Rate=50% (LCL=0.1, UCL=100, Target 0.1).

Figure 13. Poly Contact Resistance (Units: Ohms).



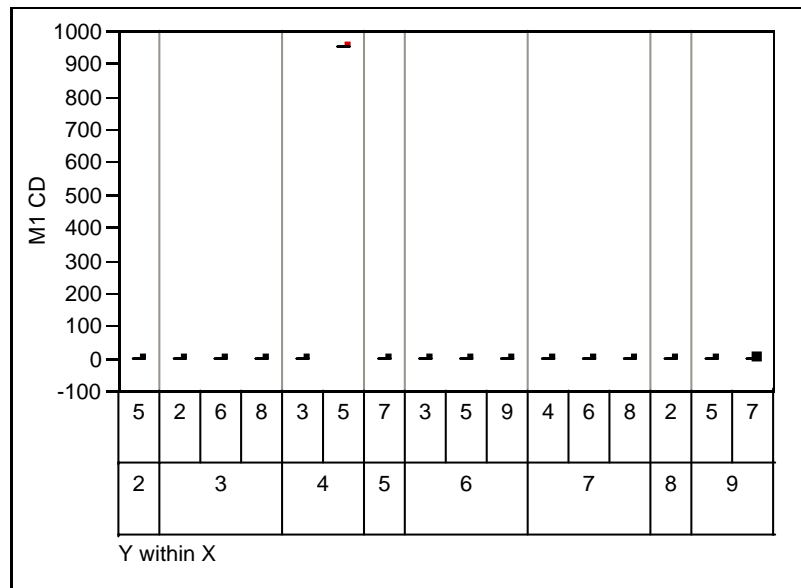
Pass Rate=44% (LCL=1K, UCL=100K, Target 4.9K).

Figure 14. Poly Contact Chain Resistance (Units: Ohms).



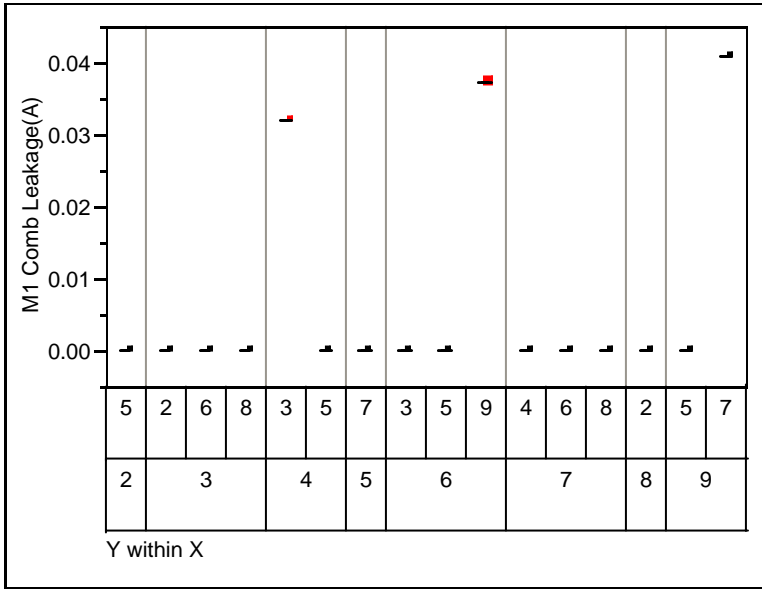
Pass Rate=94% (LCL=10m, UCL=100m, Target 56.7m).

Figure 15. Metal1 Sheet Resistance (Units: mOhms).



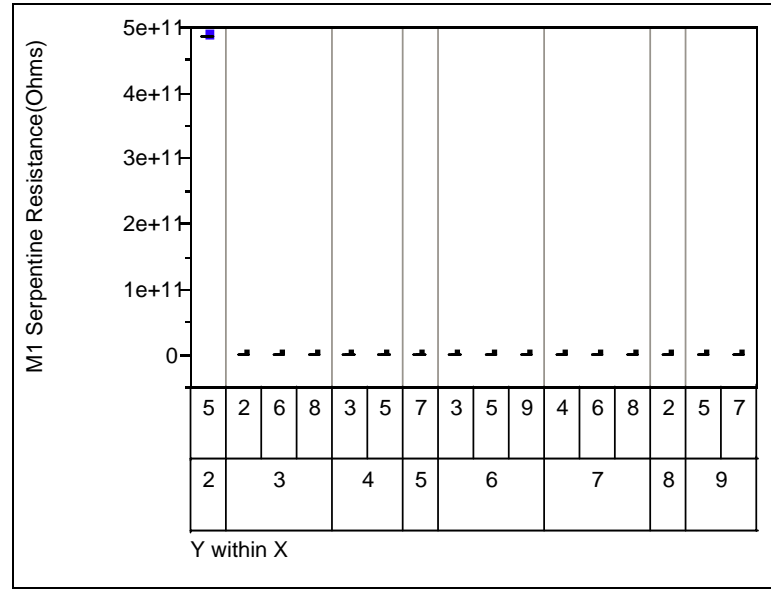
Pass Rate=94% (LCL=1, UCL=5.5, Target 3).

Figure 16. M1 CD (Units: μm).



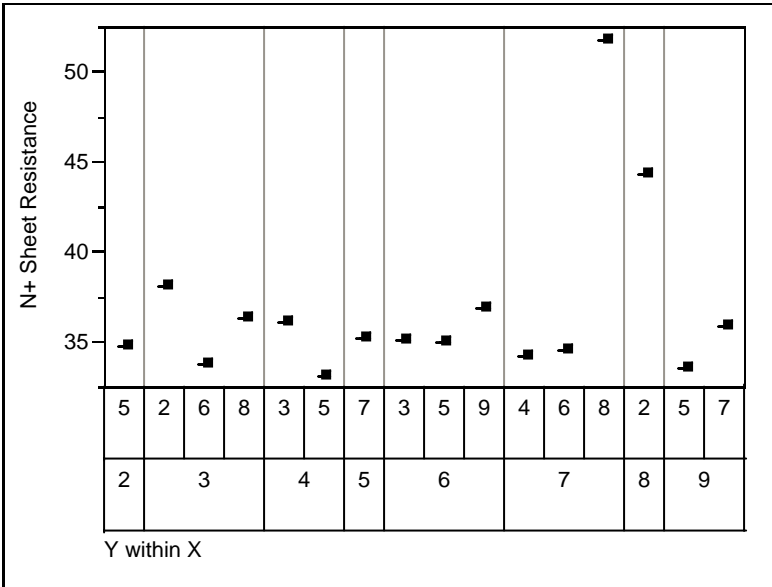
Pass Rate=88% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 17. M1 Comb Leakage (Units: Amps).



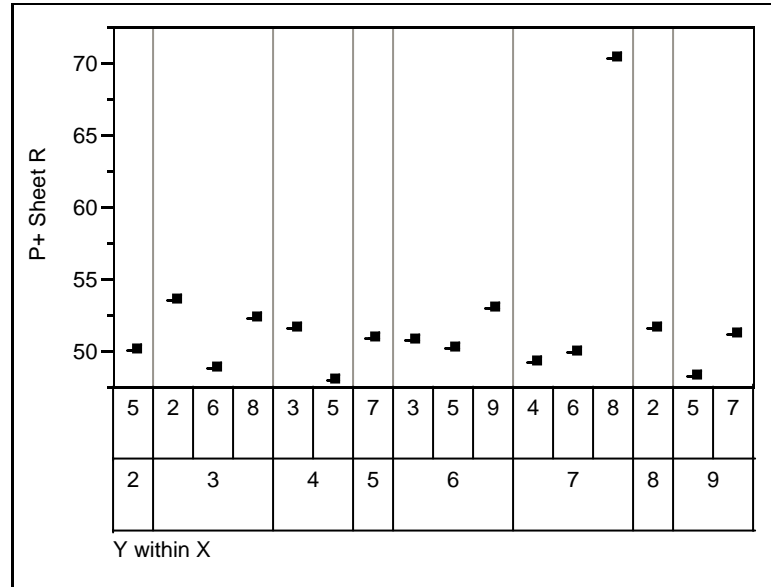
Pass Rate=94% (LCL=10, UCL=450, Target 85).

Figure 18. M1 Serpentine Resistance (Units: Ohms).



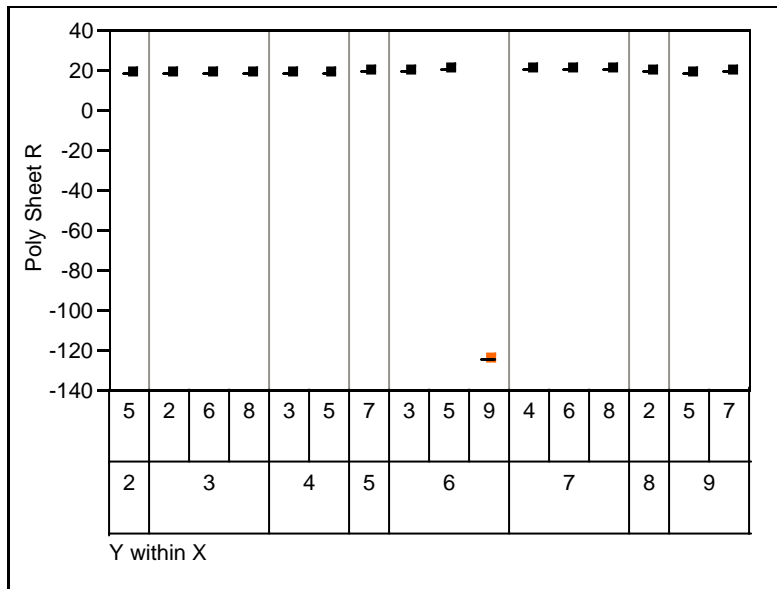
Pass Rate=100% (LCL=3, UCL=150, Target 30).

Figure 1. N+ Sheet Resistance (Units: Ohms).



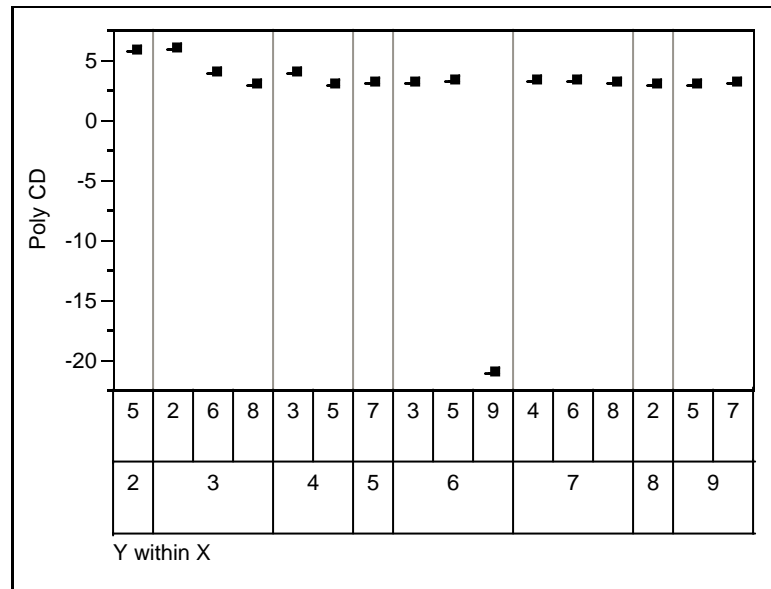
Pass Rate=100% (LCL=3, UCL=120, Target 39).

Figure 2. P+ Sheet Resistance (Units: Ohms).



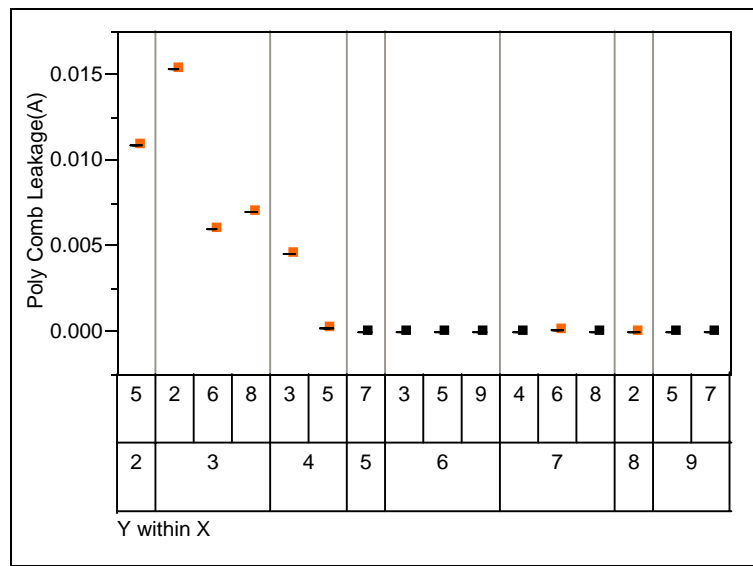
Pass Rate=100%.

Figure 3. Poly Sheet Resistance (Units: Ohms).



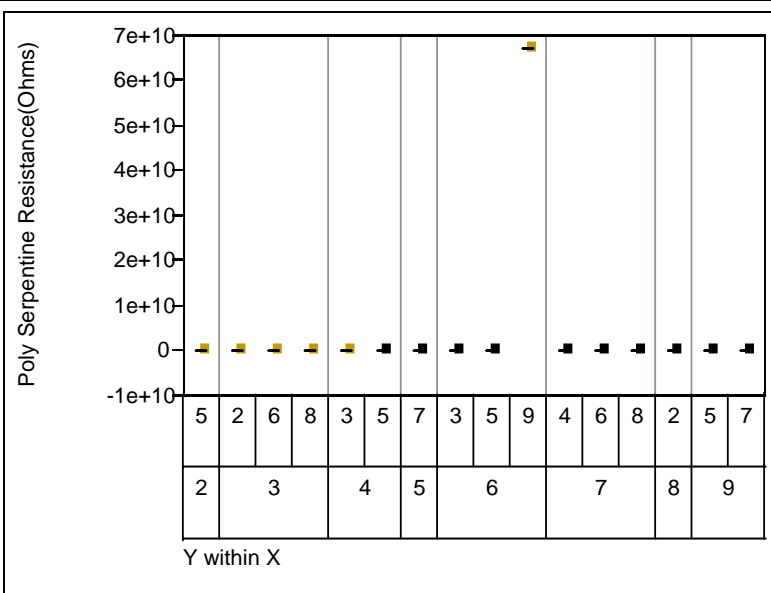
Pass Rate=94% (LCL=0.1, UCL=6, Target 2).

Figure 4. Poly CD (Units: μm).



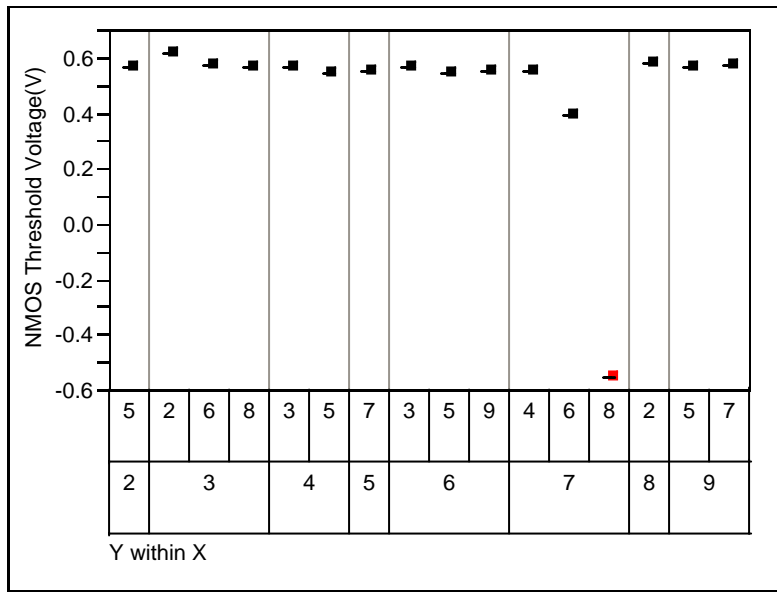
Pass Rate=50% (LCL=0, UCL=1E-9, Target 1E-12).

Figure 5. Poly Comb Leakage (Units: Amps).



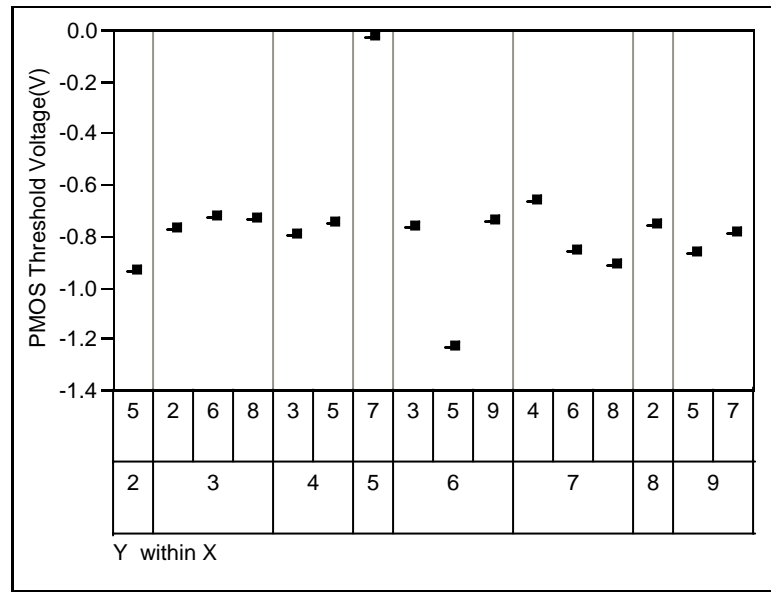
Pass Rate=63% (LCL=16K, UCL=497K, Target 166K).

Figure 6. Poly Serpentine Resistance (Units: Ohms).



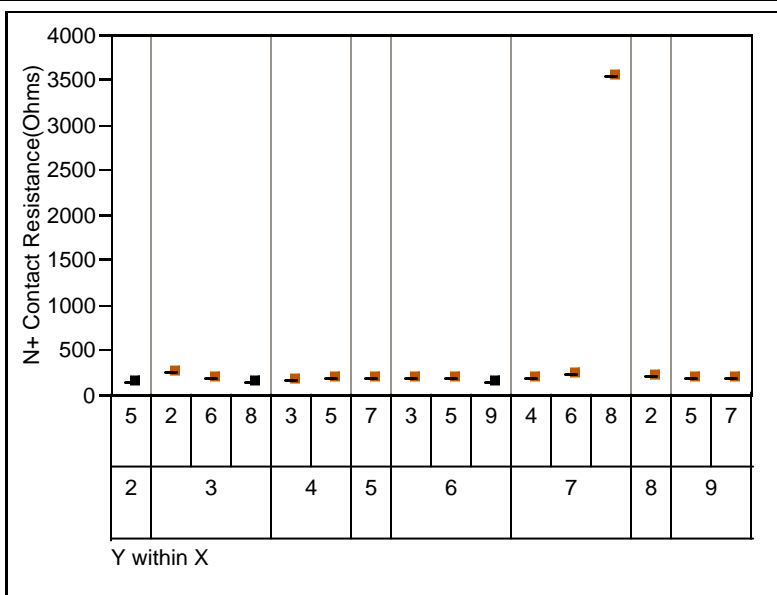
Pass Rate=100% (LCL=0, UCL=3, Target 0.75).

Figure 7. NMOS Threshold Voltage (Units: Volts).



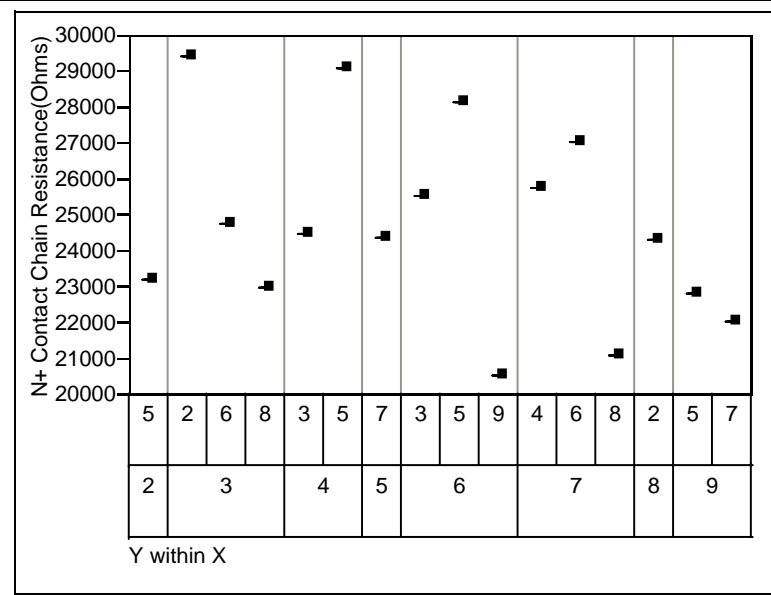
Pass Rate=100% (LCL= -3, UCL=0, Target 0.75).

Figure 8. PMOS Threshold Voltage (Units: Volts).



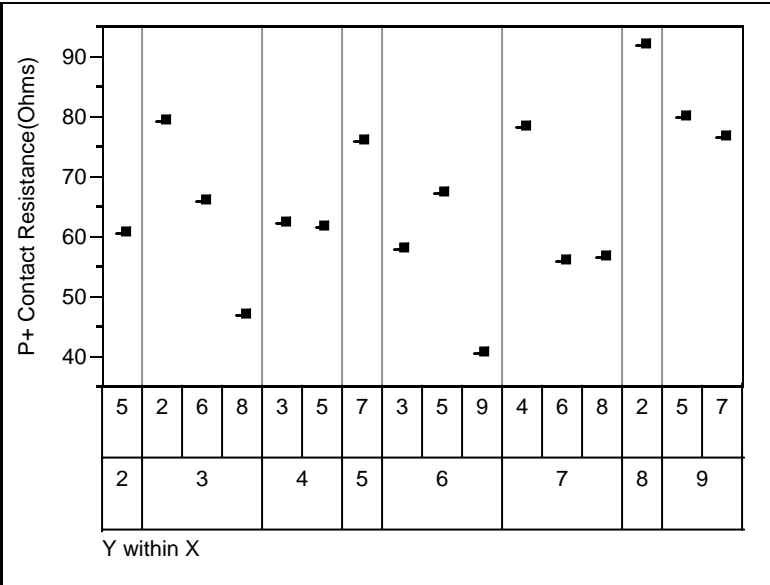
Pass Rate=100% (LCL=0.001, UCL=100, Target 0.1).

Figure 9. N+ Contact Resistance (Units: Ohms).



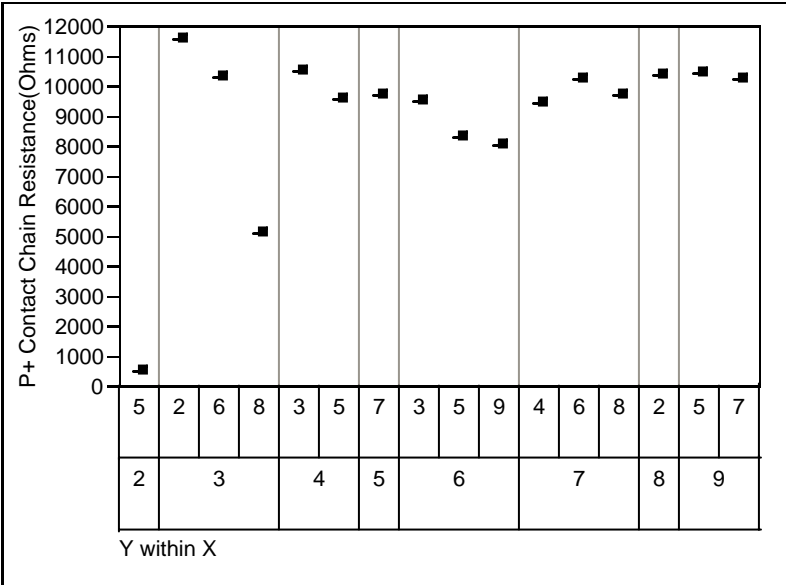
Pass Rate=100% (LCL=1K, UCL=100K, Target 5K).

Figure 10. N+ Contact Chain Resistance (Units: Ohms).



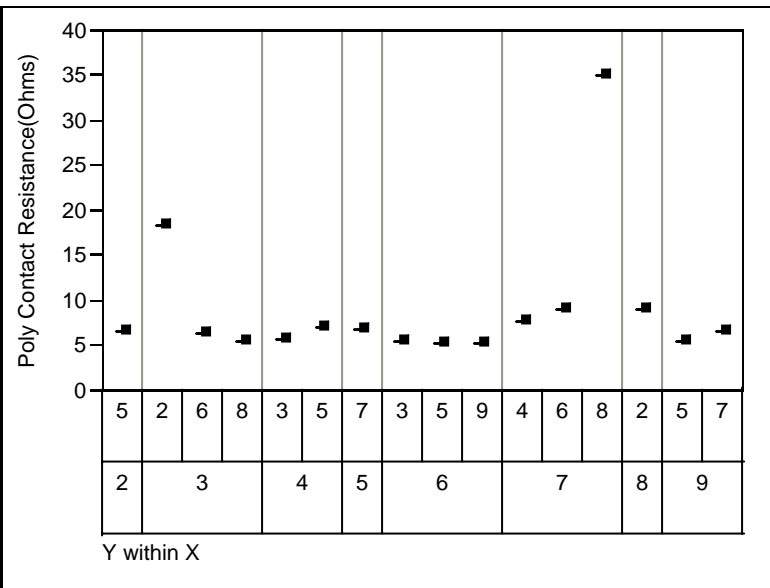
Pass Rate=100% (LCL=0.1, UCL=100, Target 1).

Figure 11. P+ Contact Resistance (Units: Ohms).



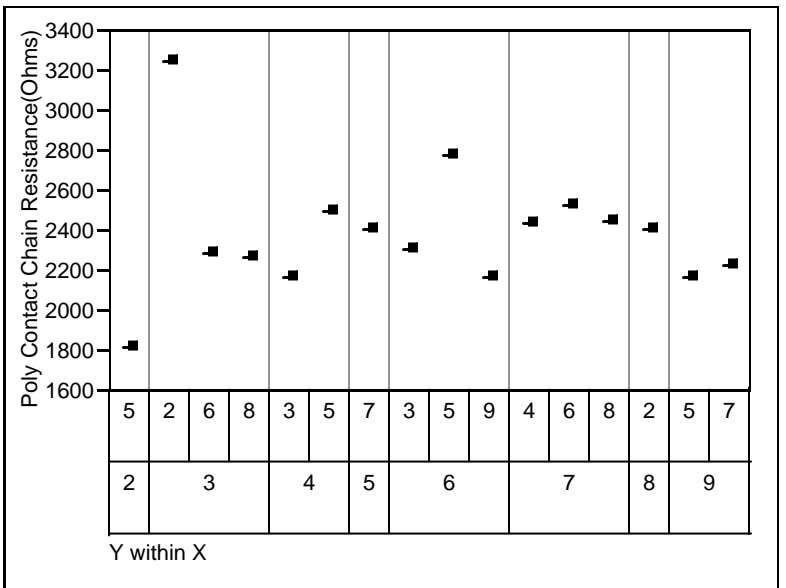
Pass Rate=100% (LCL=1K, UCL=100K, Target 4K).

Figure 12. P+ Contact Chain Resistance (Units: Ohms).



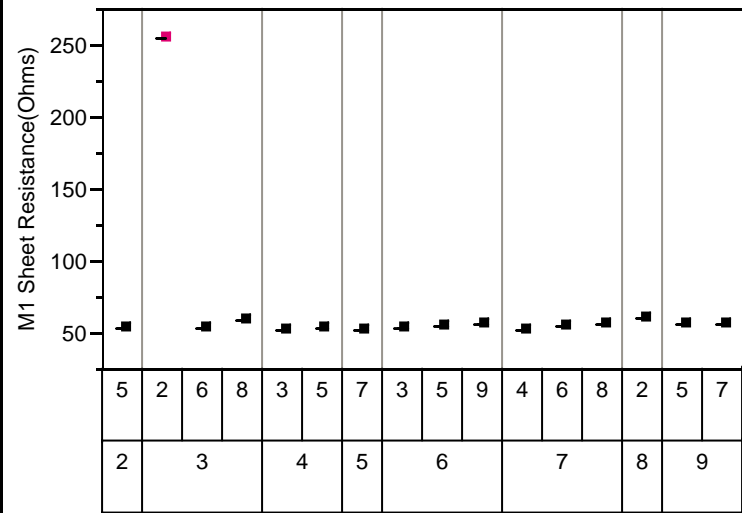
Pass Rate=100% (LCL=0.1, UCL=100, Target 0.1).

Figure 13. Poly Contact Resistance (Units: Ohms).



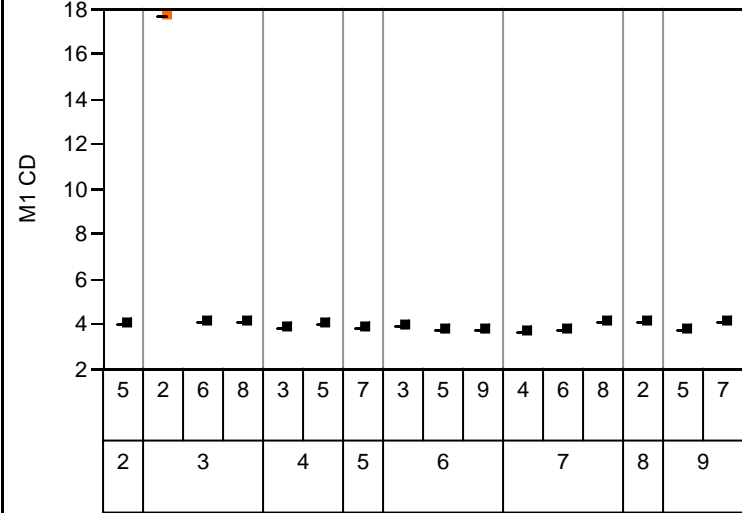
Pass Rate=100% (LCL=1K, UCL=100K, Target 4.9K).

Figure 14. Poly Contact Chain Resistance (Units: Ohms).



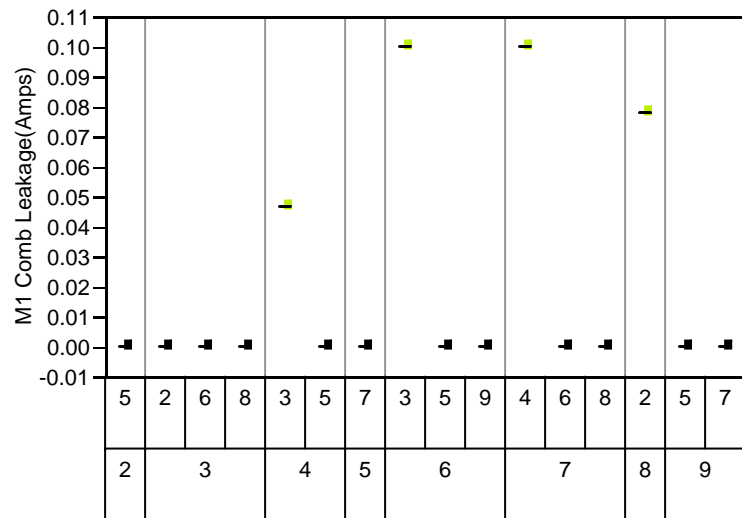
Pass Rate=94% (LCL=10m, UCL=100m, Target 56.7m).

Figure 15. M1 Sheet Resistance(mOhms).



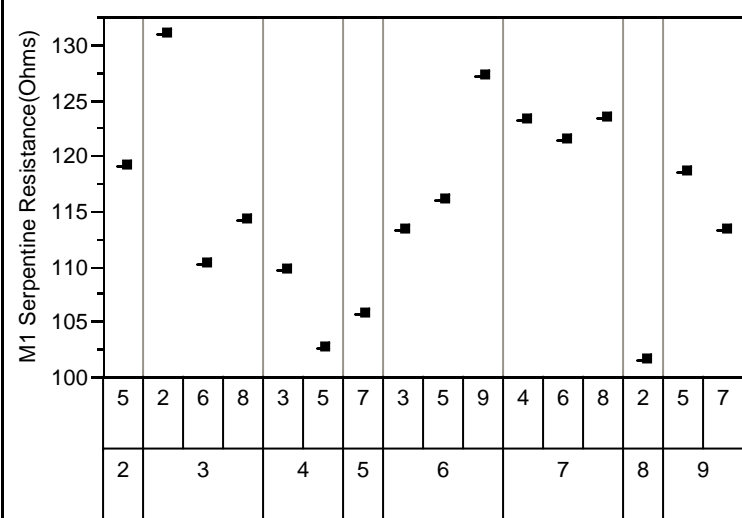
Pass Rate=94% (LCL=1, UCL=5.5, Target 3).

Figure 16. M1 CD (Units: μm).



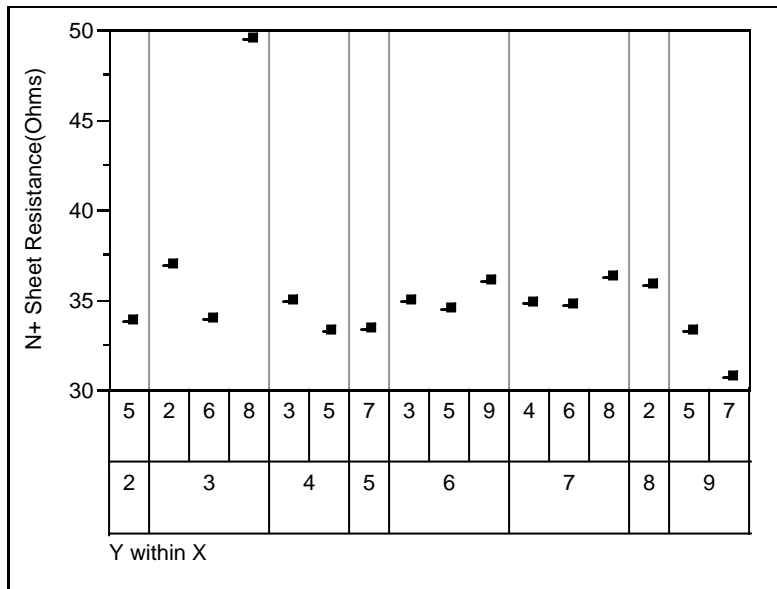
Pass Rate=75% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 17. M1 Comb Leakage (Units: Amps).



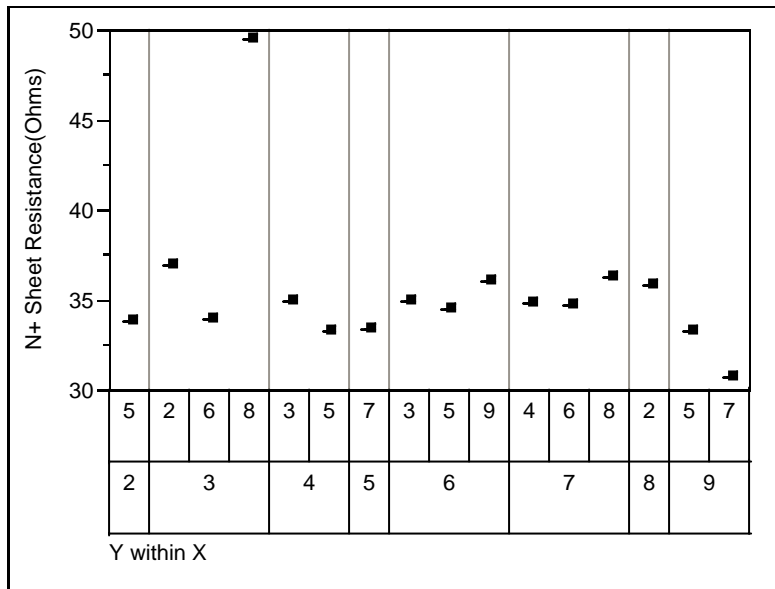
Pass Rate=100% (LCL=10, UCL=450, Target 85).

Figure 18. M1 Serpentine Resistance (Units: Ohms).



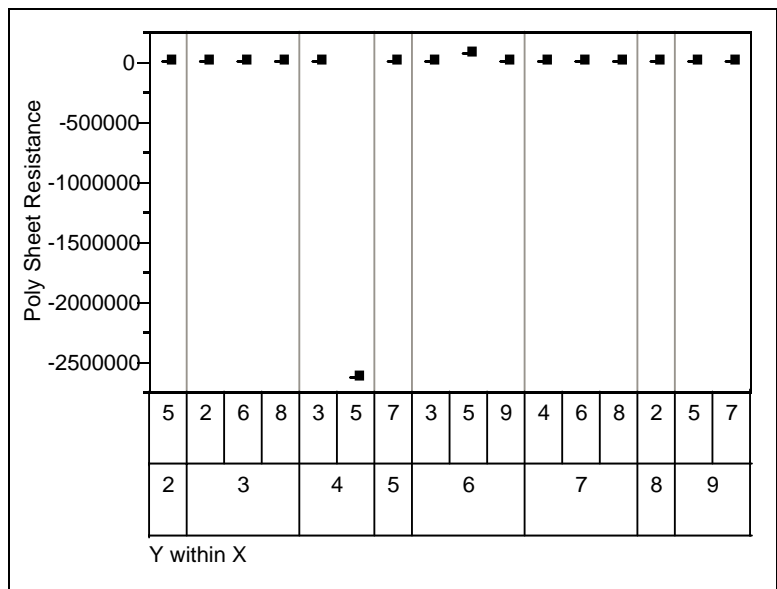
Pass Rate=100% (LCL=3, UCL=150, Target 30).

Figure 1. N+ Sheet Resistance (Units: Ohms).



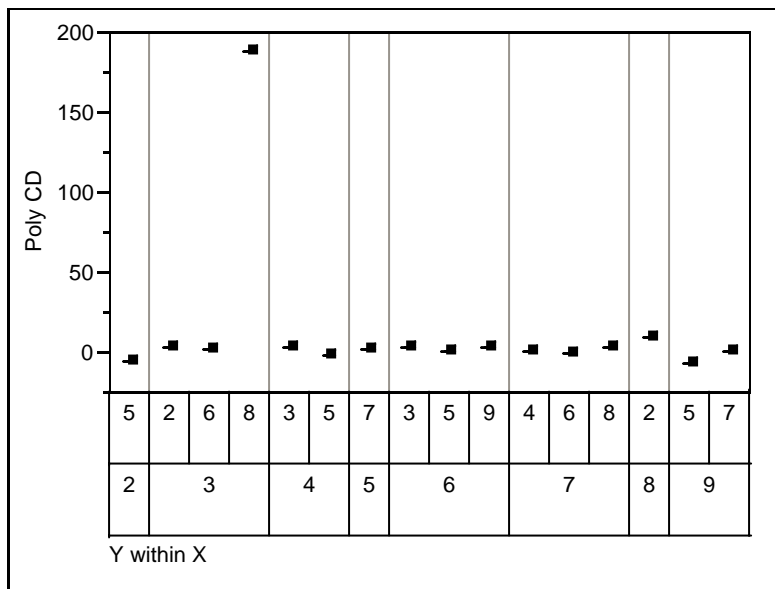
Pass Rate=100% (LCL=3, UCL=120, Target 39).

Figure 2. P+ Sheet Resistance (Units: Ohms).



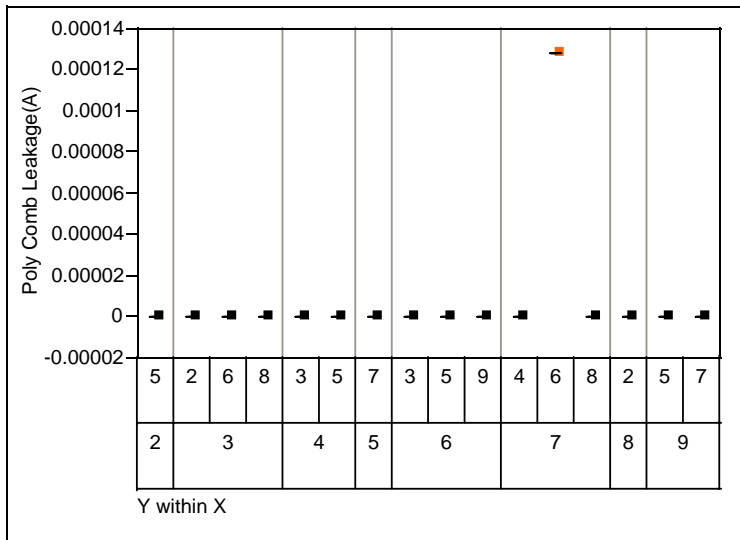
Pass Rate=100% (LCL=3, UCL=150, Target 49).

Figure 3. Poly Sheet Resistance (Units: Ohms)



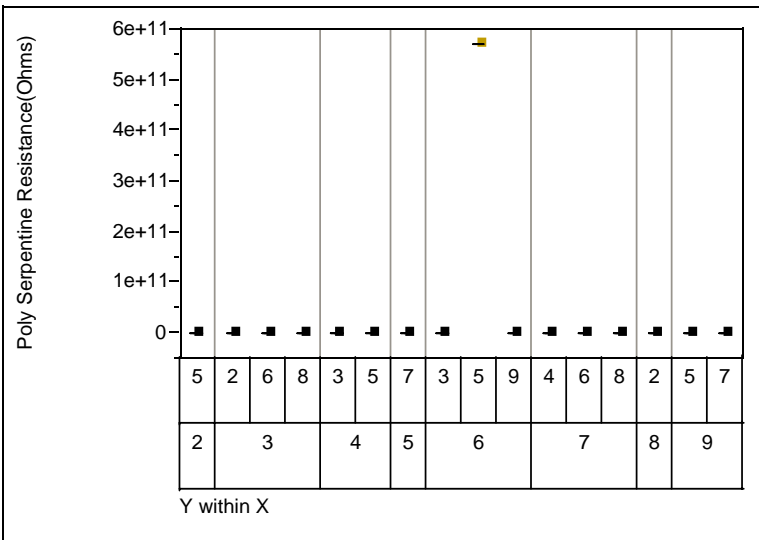
Pass Rate=64% (LCL=0.1, UCL=6, Target 2).

Figure 4. Poly CD (Units: μm).



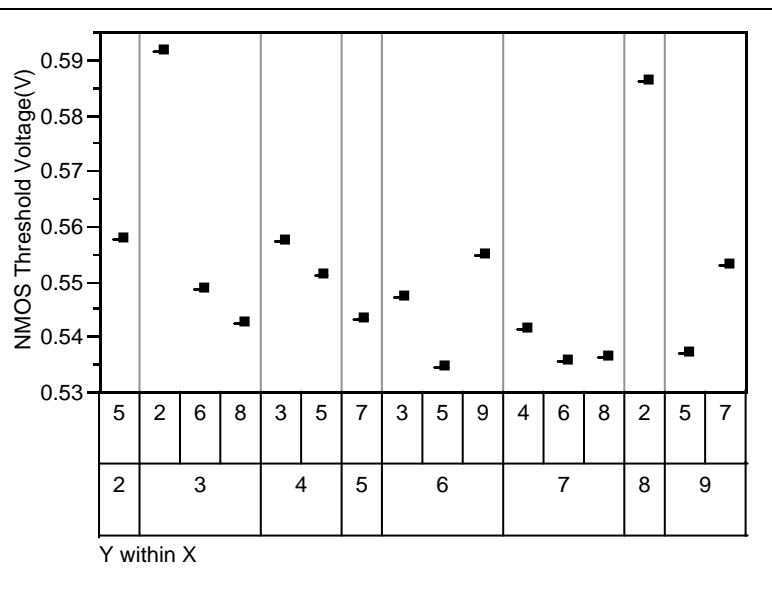
Pass Rate=94% (LCL=0, UCL=1E-9, Target 1E-12).

Figure 5. Poly Comb Leakage (Units: Amps)



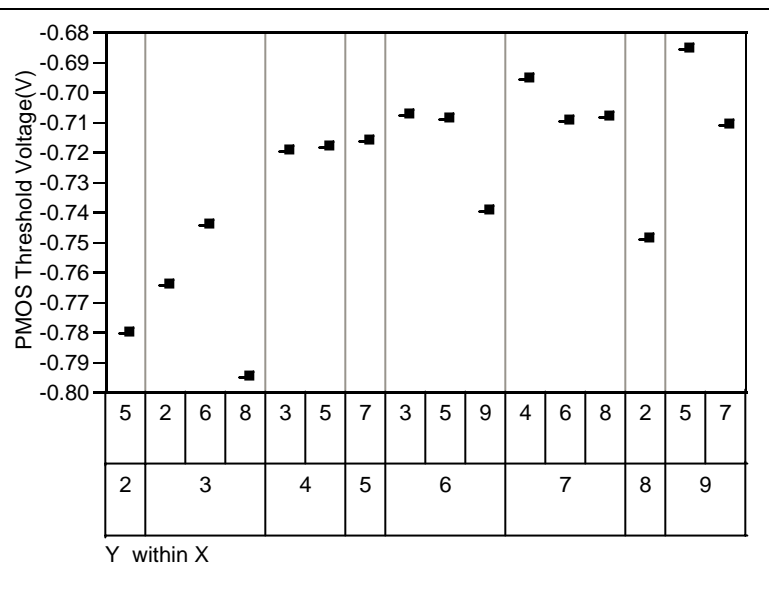
Pass Rate=94% (LCL=16K, UCL=497K, Target 166K).

Figure 6. Poly Serpentine Resistance (Units: Ohms).



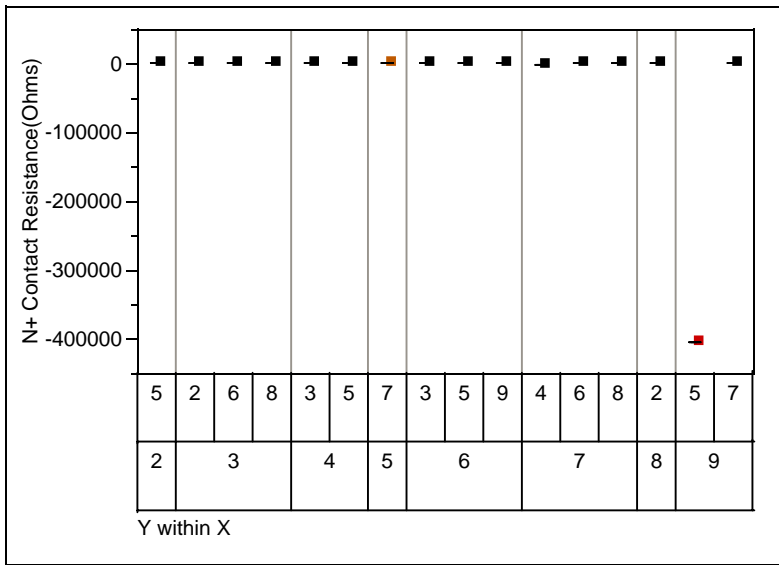
Pass Rate=100% (LCL=0, UCL=3, Target 0.75)

Figure 7. NMOS Threshold Voltage (Units: Volts).



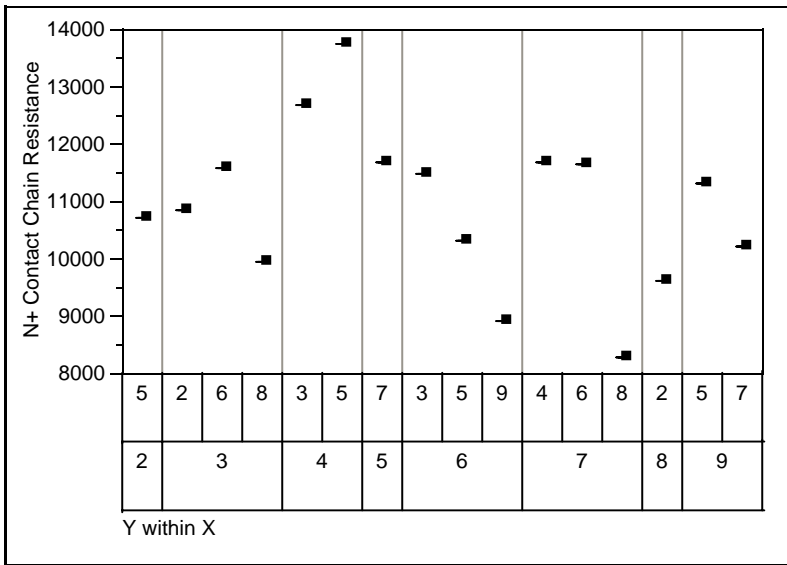
Pass Rate=100% (LCL= -3, UCL=0, Target 0.75).

Figure 8. PMOS Threshold Voltage (Units: Volts).



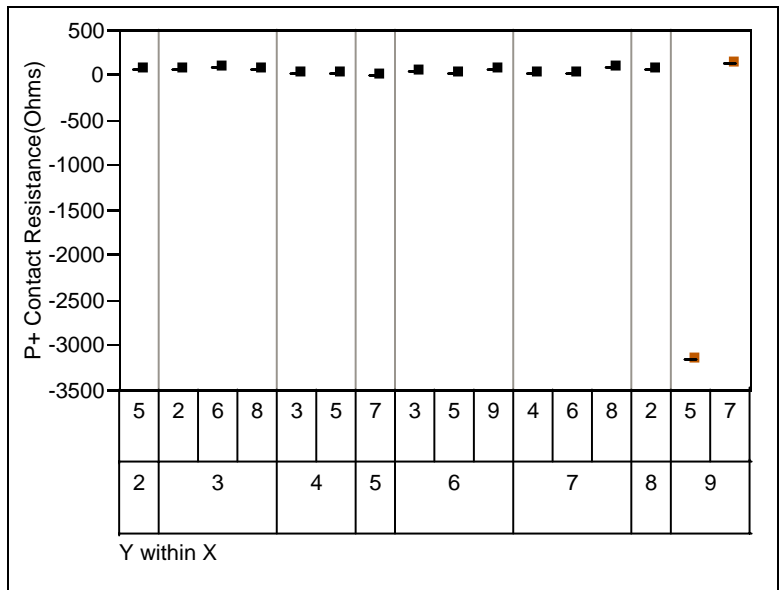
Pass Rate=88% (LCL=0.001, UCL=100, Target 0.1).

Figure 9. N+ Contact Resistance (Units: Ohms).



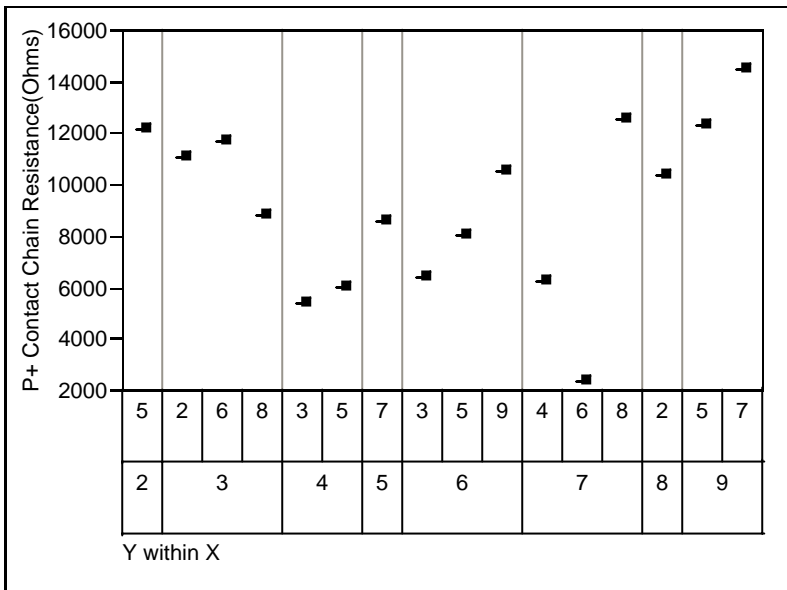
Pass Rate=100% (LCL=1K, UCL=100K, Target 5K).

Figure 10. N+ Contact Chain Resistance (Units: Ohms).



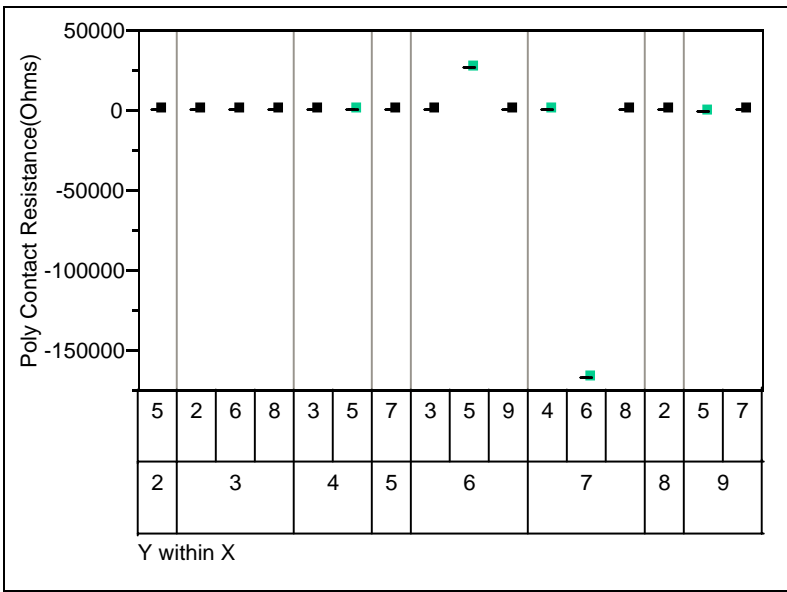
Pass Rate=88% (LCL=0.1, UCL=100, Target 1).

Figure 11. P+ Contact Resistance (Units: Ohms).



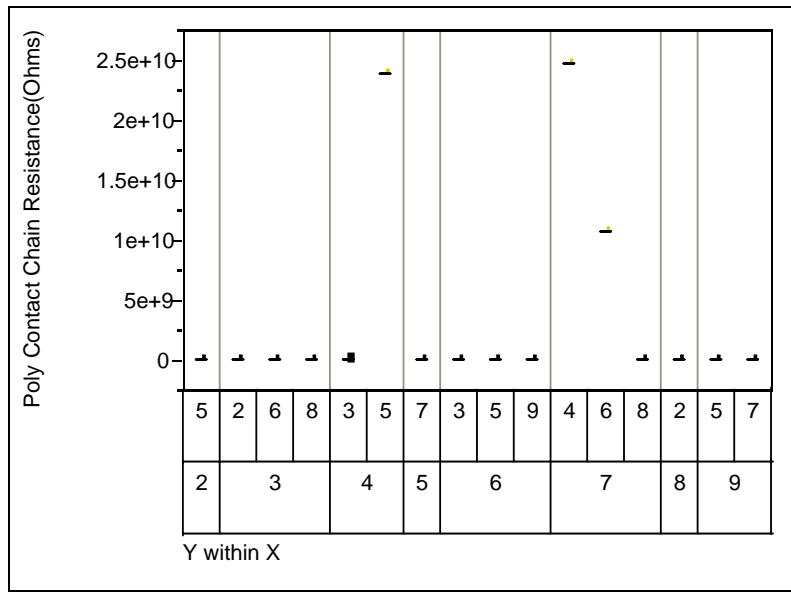
Pass Rate=100% (LCL=1K, UCL=100K, Target 4K).

Figure 12. P+ Contact Chain Resistance (Units: Ohms).



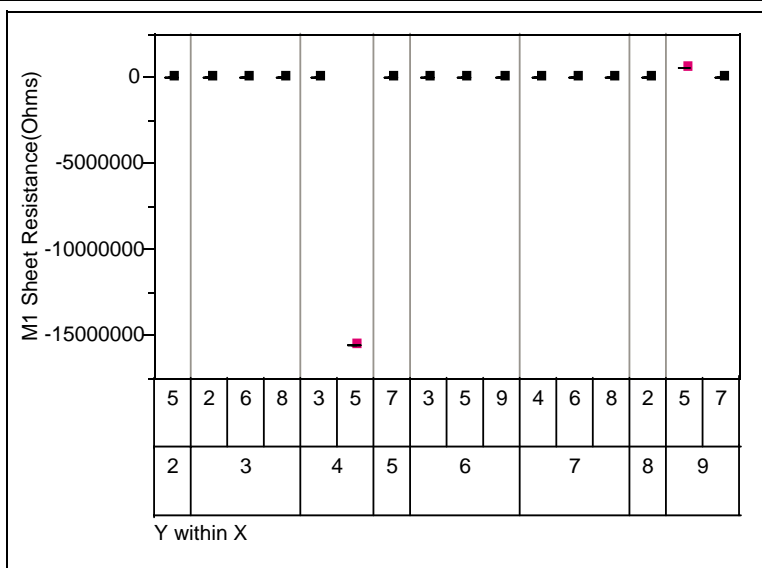
Pass Rate=75% (LCL=0.1, UCL=100, Target 0.1).

Figure 13. Poly Contact Resistance (Units: Ohms).



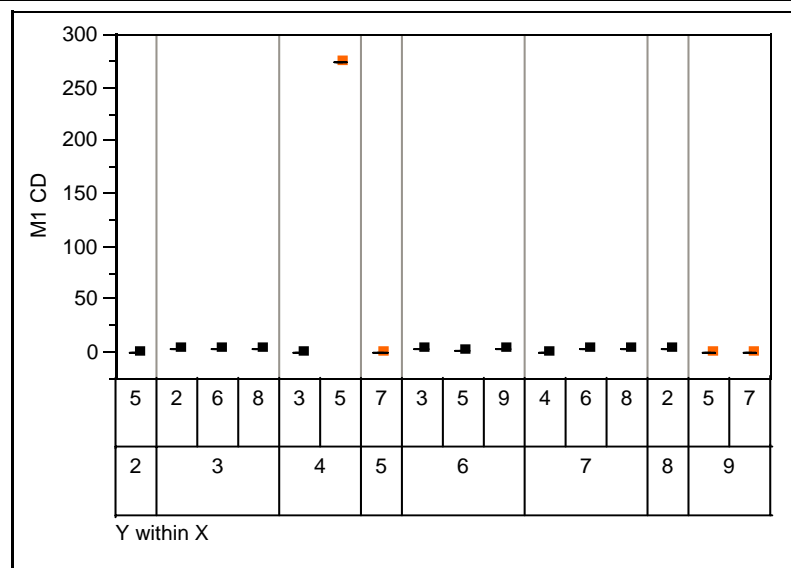
Pass Rate=81% (LCL=1K, UCL=100K, Target 4.9K).

Figure 14. Poly Contact Chain Resistance (Units: Ohms).



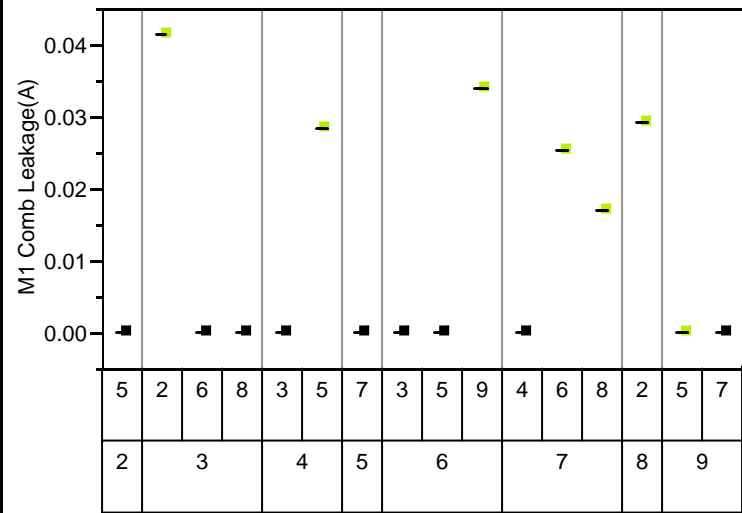
Pass Rate=88% (LCL=10m, UCL=100m, Target 56.7m).

Figure 15. Metal1 Sheet Resistance (Units: mOhms).



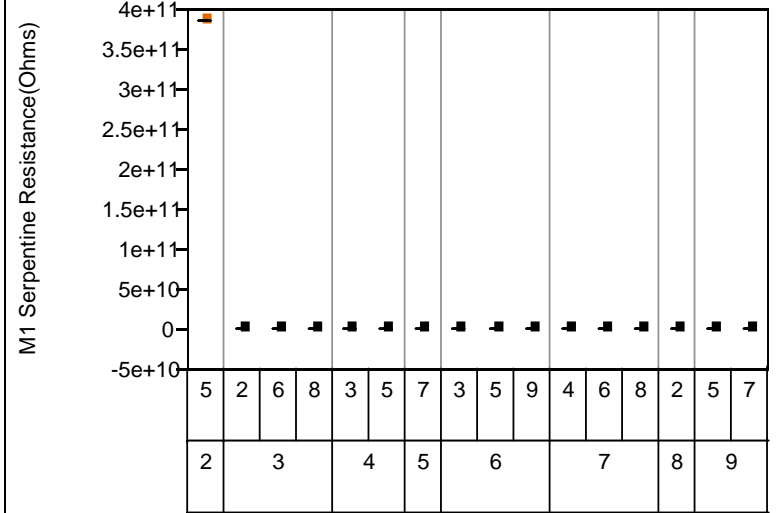
Pass Rate=81% (LCL=1, UCL=5.5, Target 3).

Figure 16. M1 CD (Units: μm).



Pass Rate=56% (LCL=0, UCL=10E-9, Target 10E-12).

Figure 17. M1 Comb Leakage (Units: Amps).



Pass Rate=94% (LCL=10, UCL=450, Target 85).

Figure 18. M1 Serpentine Resistance (Units: Ohms).