

TYPICAL PERFORMANCE CHARACTERISTICS

VDD = 2.5 V, REF = 5.0 V, VIO = 3.3 V.

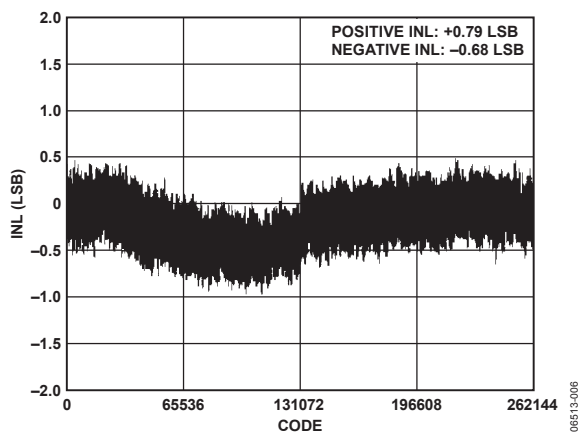


Figure 6. Integral Nonlinearity vs. Code

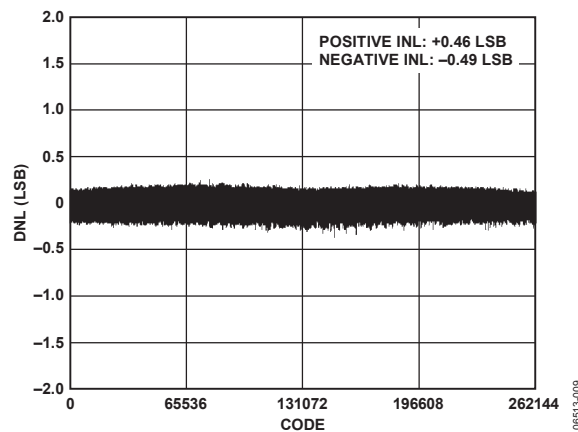


Figure 9. Differential Nonlinearity vs. Code

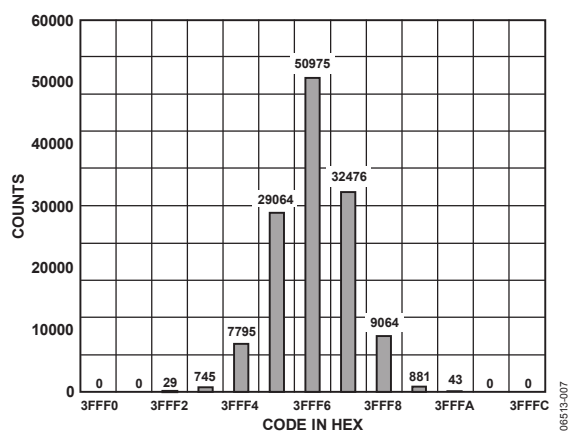


Figure 7. Histogram of a DC Input at the Code Center

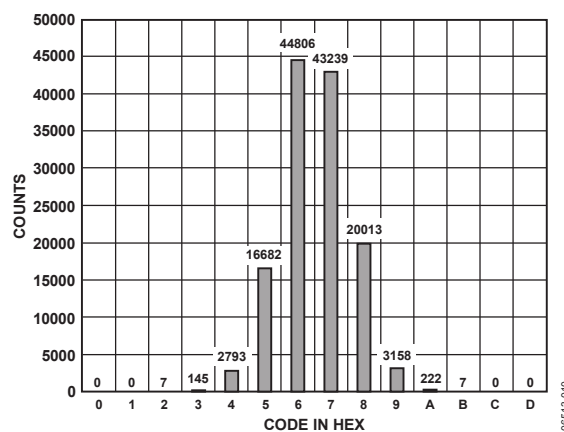


Figure 10. Histogram of a DC Input at the Code Transition

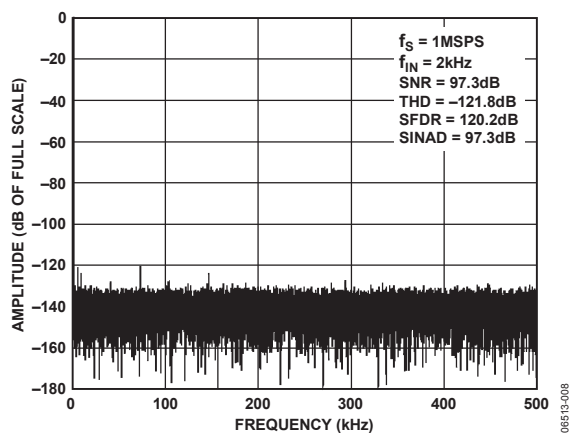


Figure 8. FFT Plot

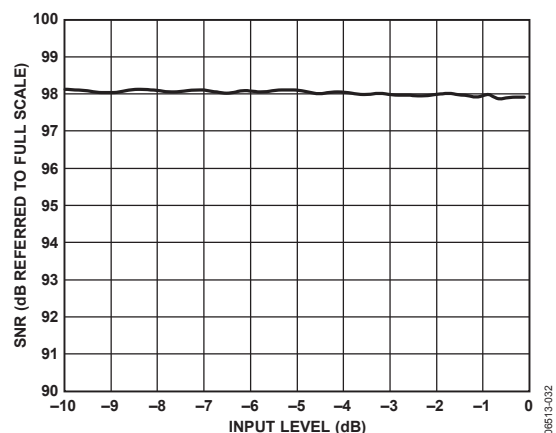


Figure 11. SNR vs. Input Level

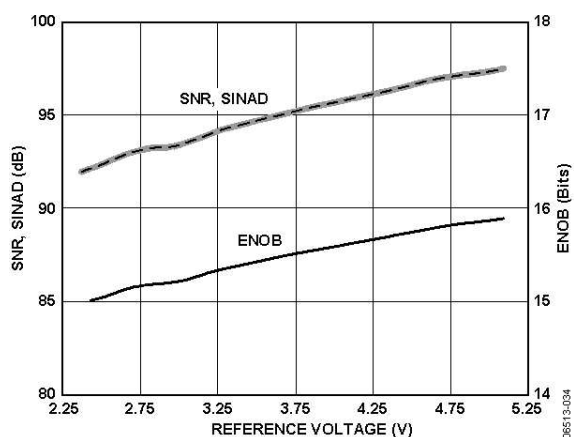


Figure 12. SNR, SINAD, and ENOB vs. Reference Voltage

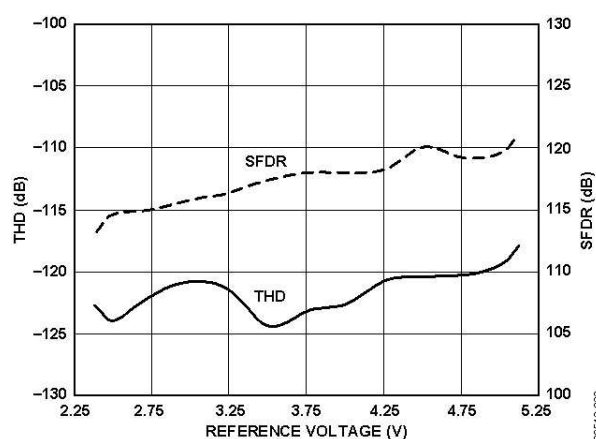


Figure 15. THD, SFDR vs. Reference Voltage

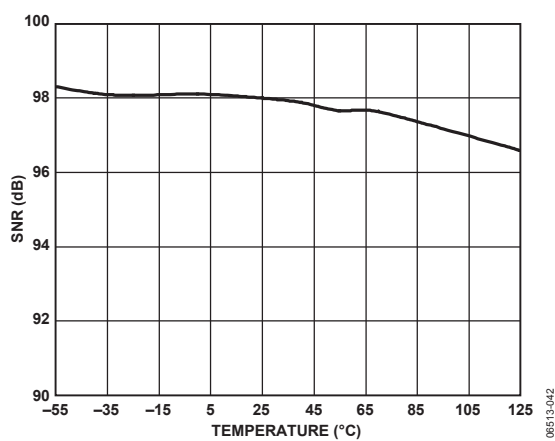


Figure 13. SNR vs. Temperature

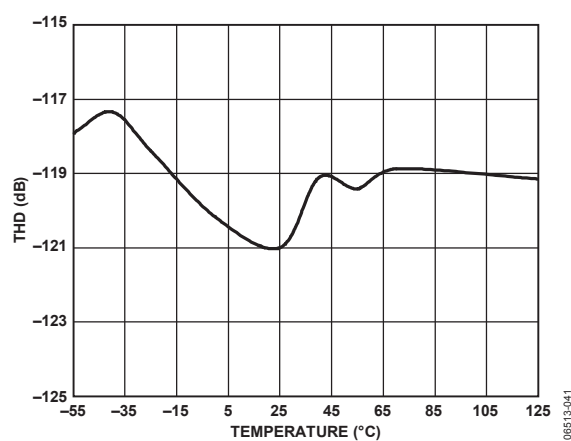


Figure 16. THD vs. Temperature

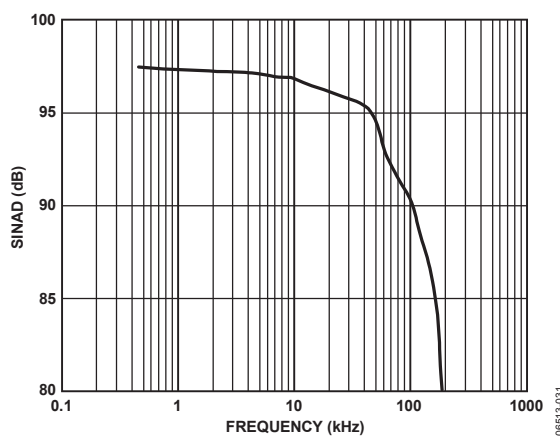


Figure 14. SINAD vs. Frequency

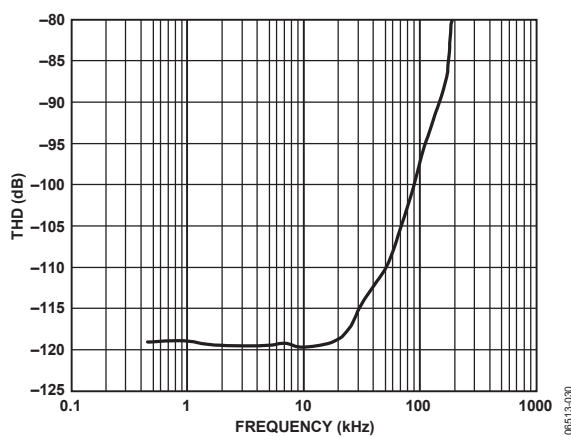


Figure 17. THD vs. Frequency

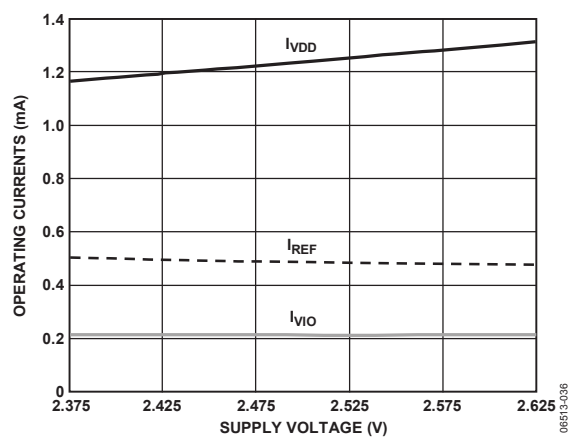


Figure 18. Operating Currents vs. Supply Voltage

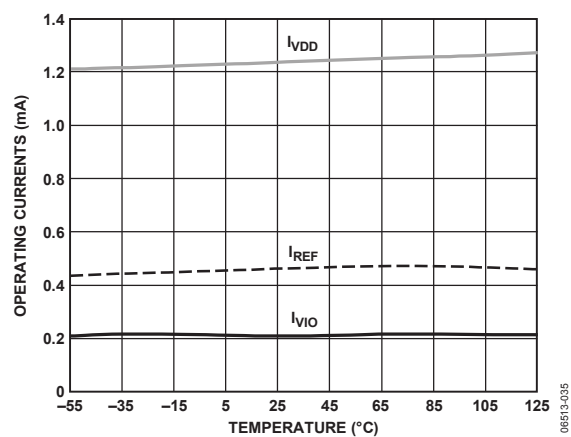


Figure 20. Operating Currents vs. Temperature

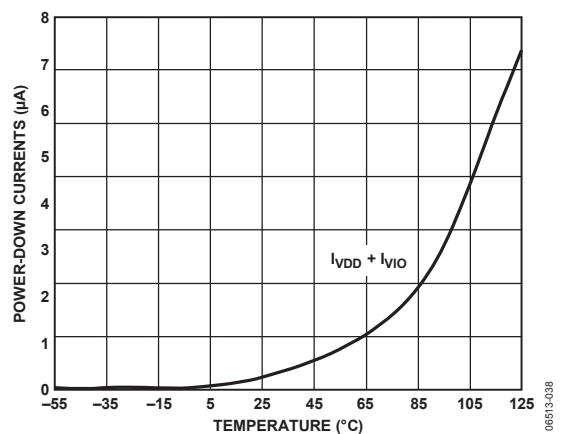


Figure 19. Power-Down Currents vs. Temperature