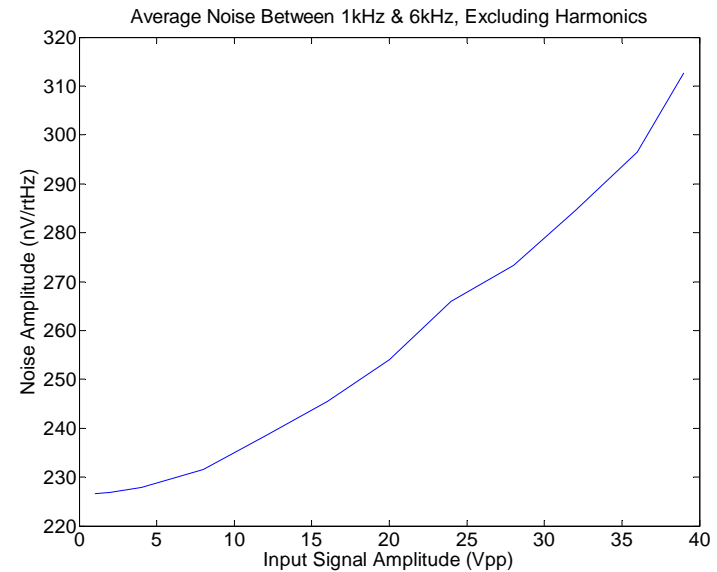
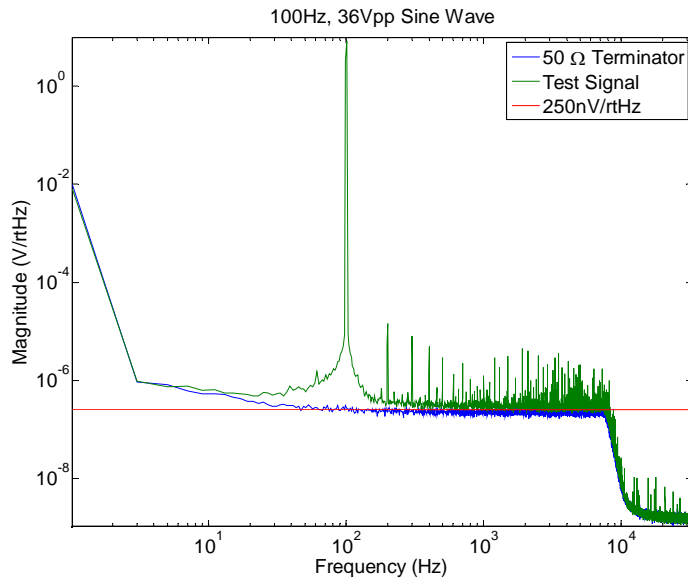
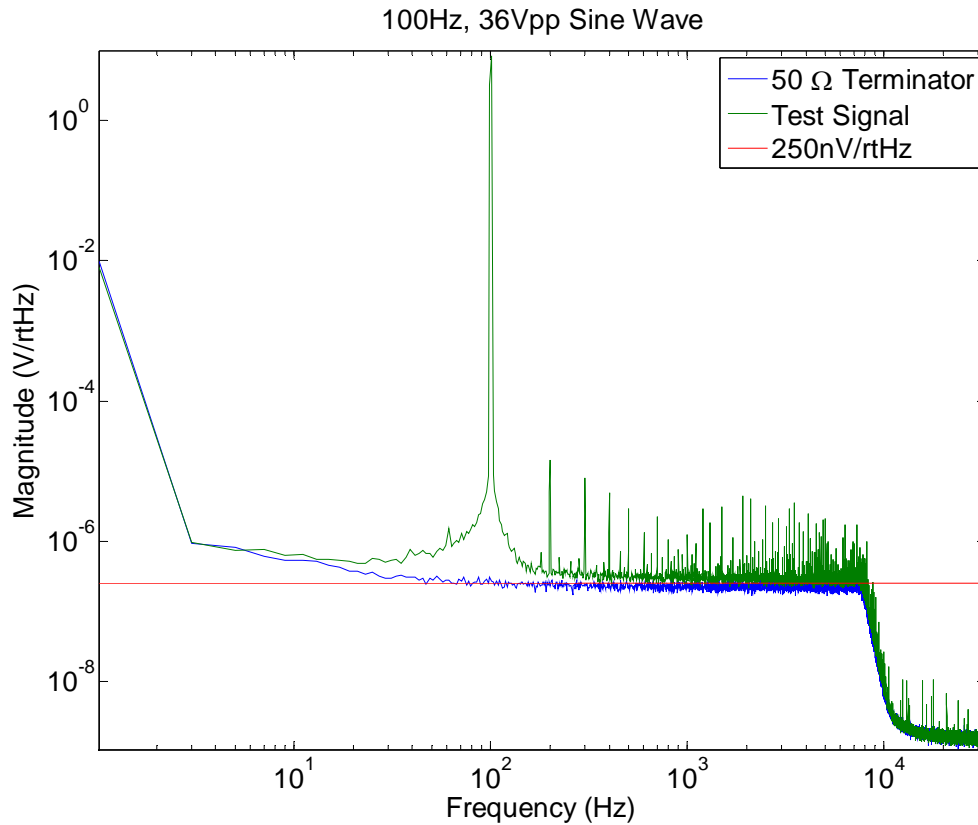


Noise Performance

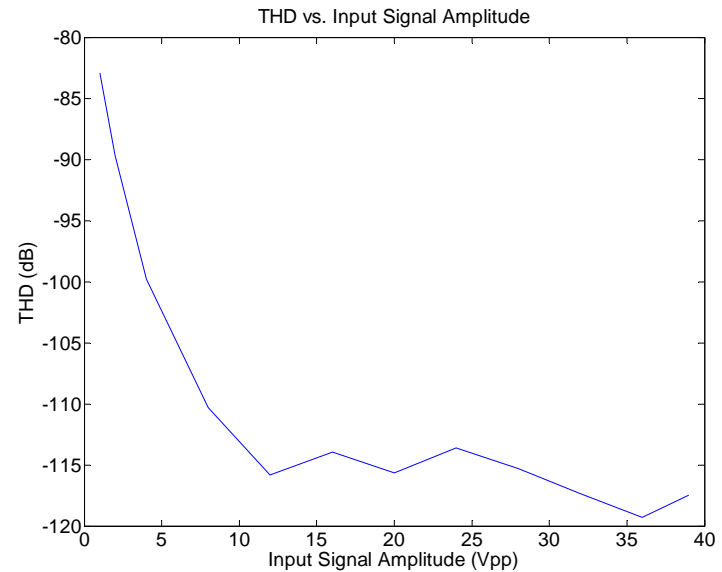
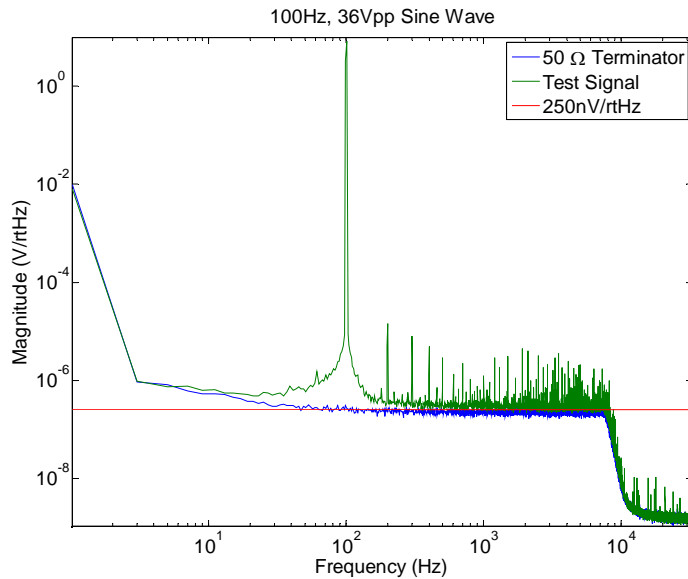


Noise Performance Continued



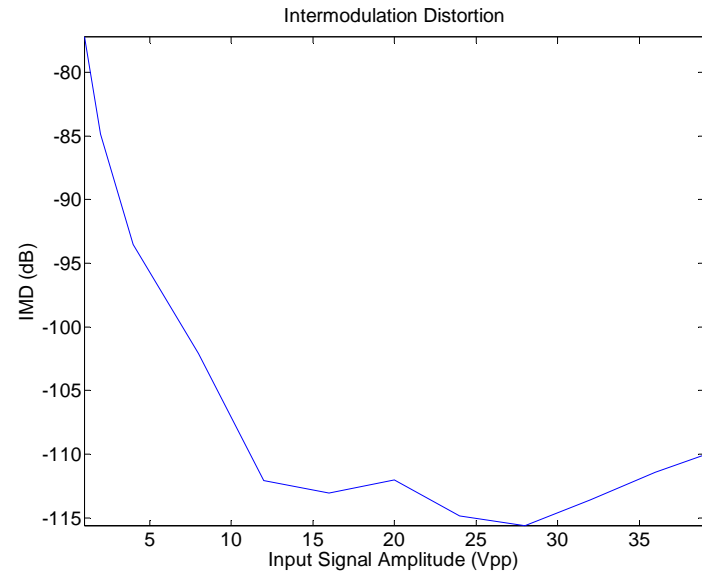
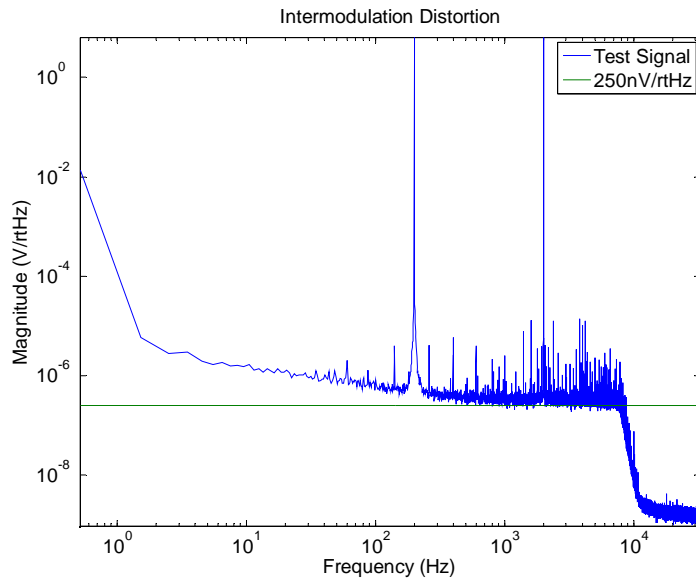
ADC FOM (Other FOM data from T060158.)	
Prototype ADC	162 dB
PC166	132 dB
Pentek 6102	116 dB
ICS 110B	142 dB

Total Harmonic Distortion



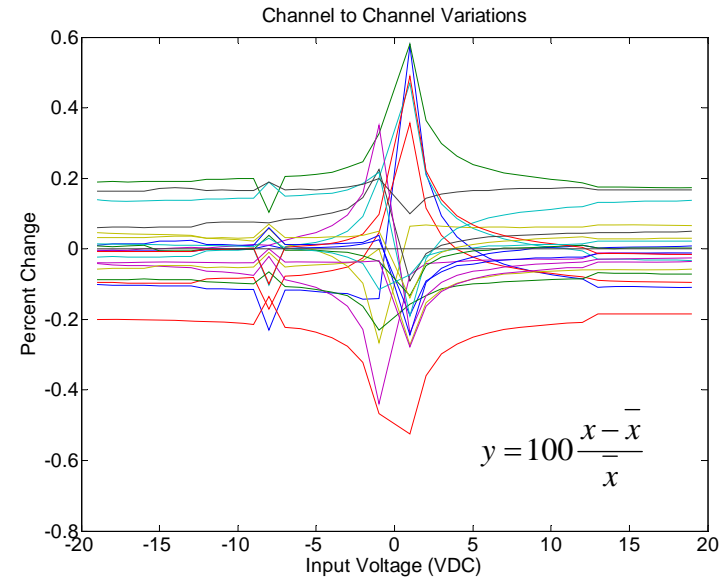
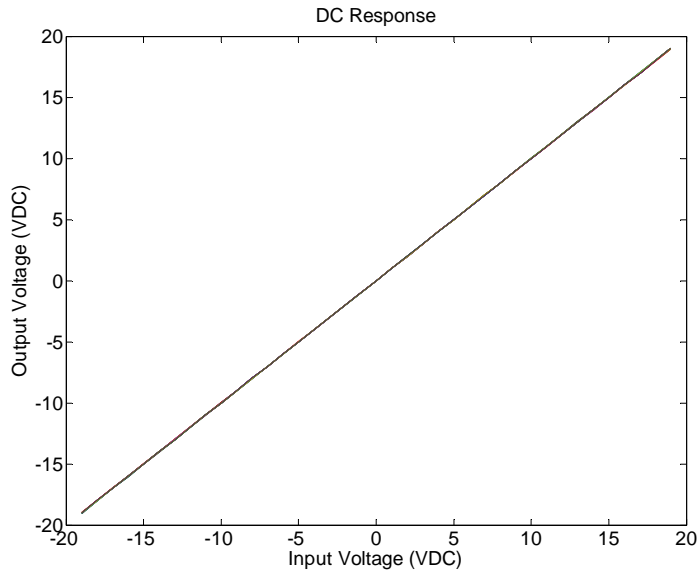
Total Harmonic Distortion = -110dB

Intermodulation Distortion



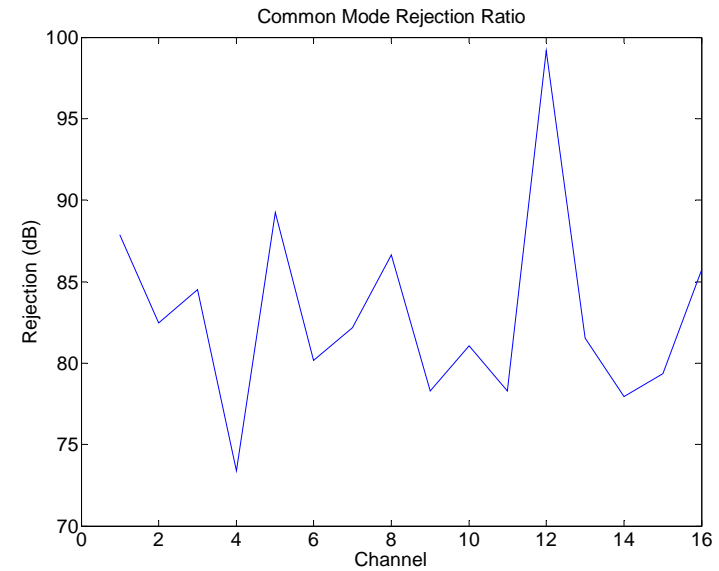
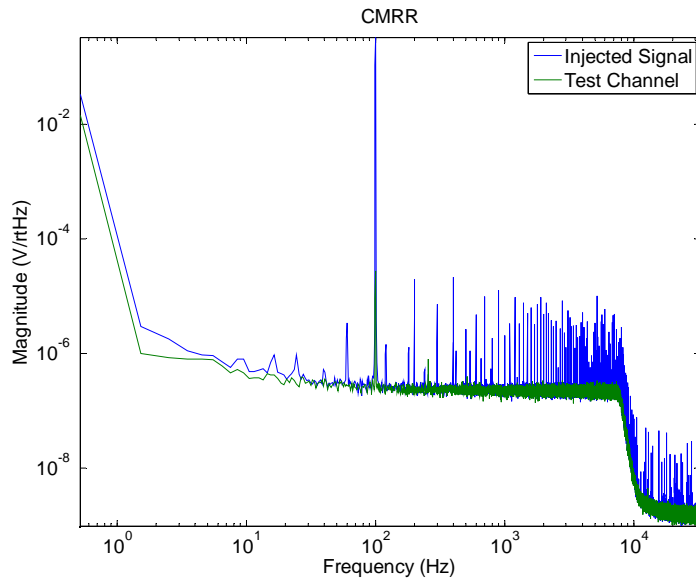
Intermodulation Distortion = -110dB

DC Response



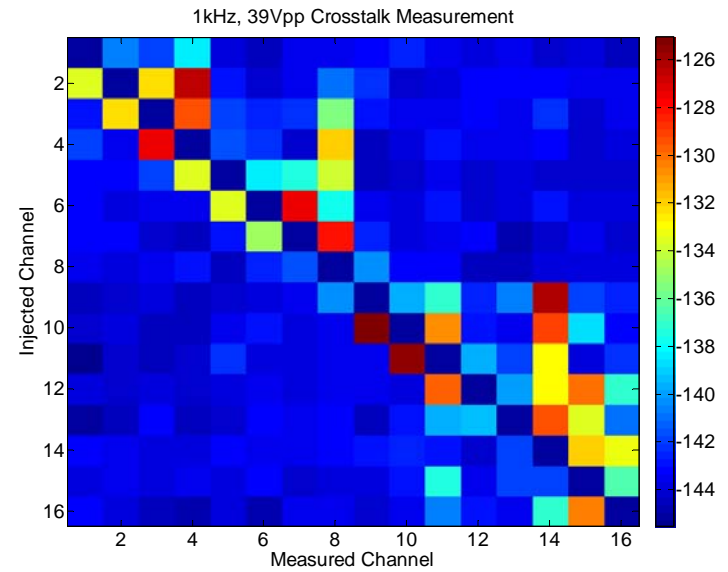
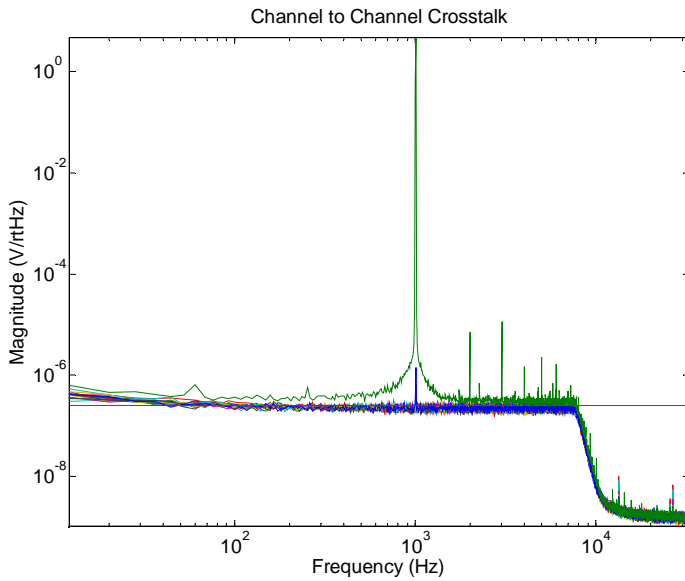
Maximum Variation = ~1%

Common Mode Rejection Ratio



Average CMRR = 83dB

Crosstalk

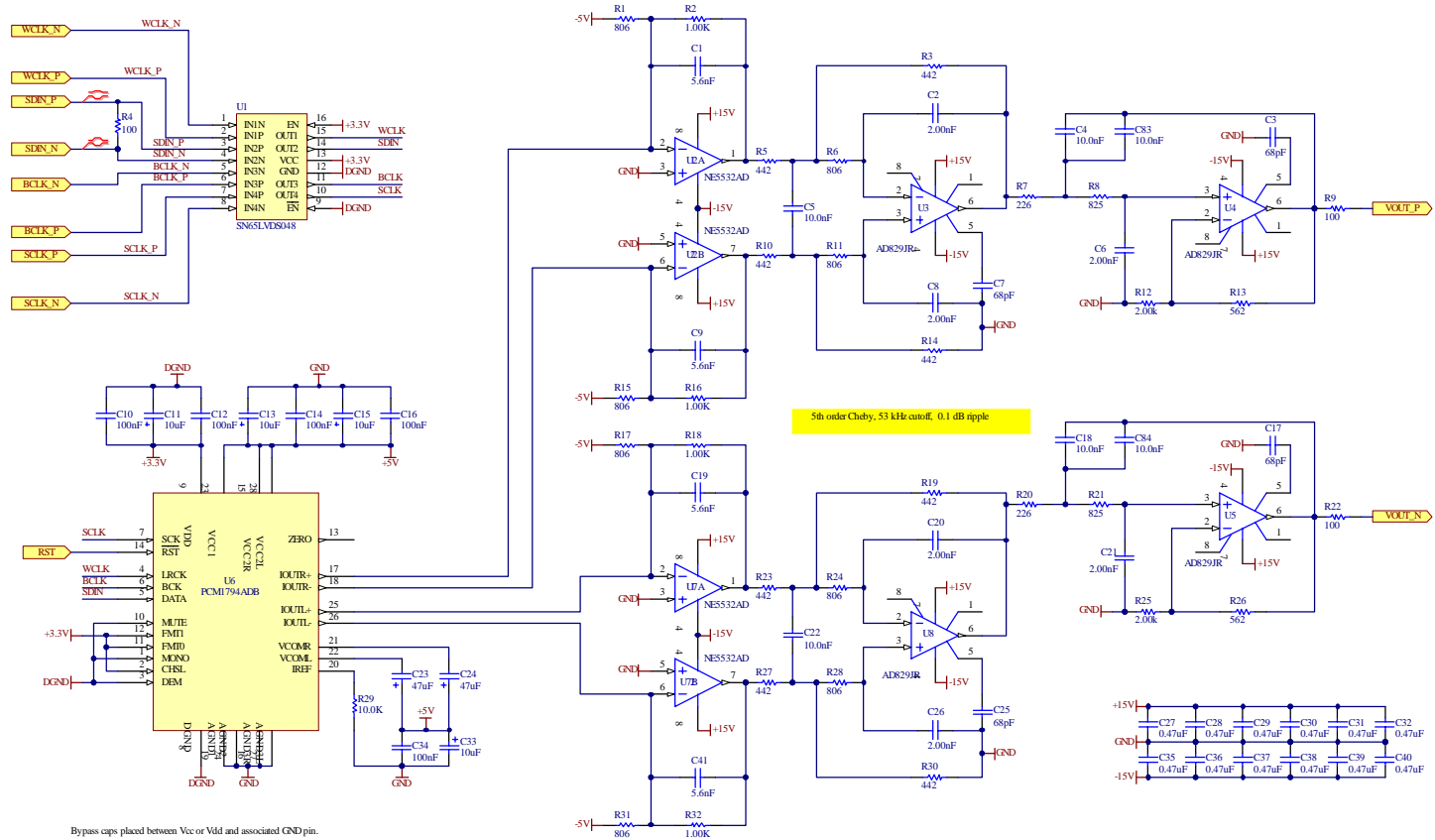


Maximum Crosstalk = -125dB

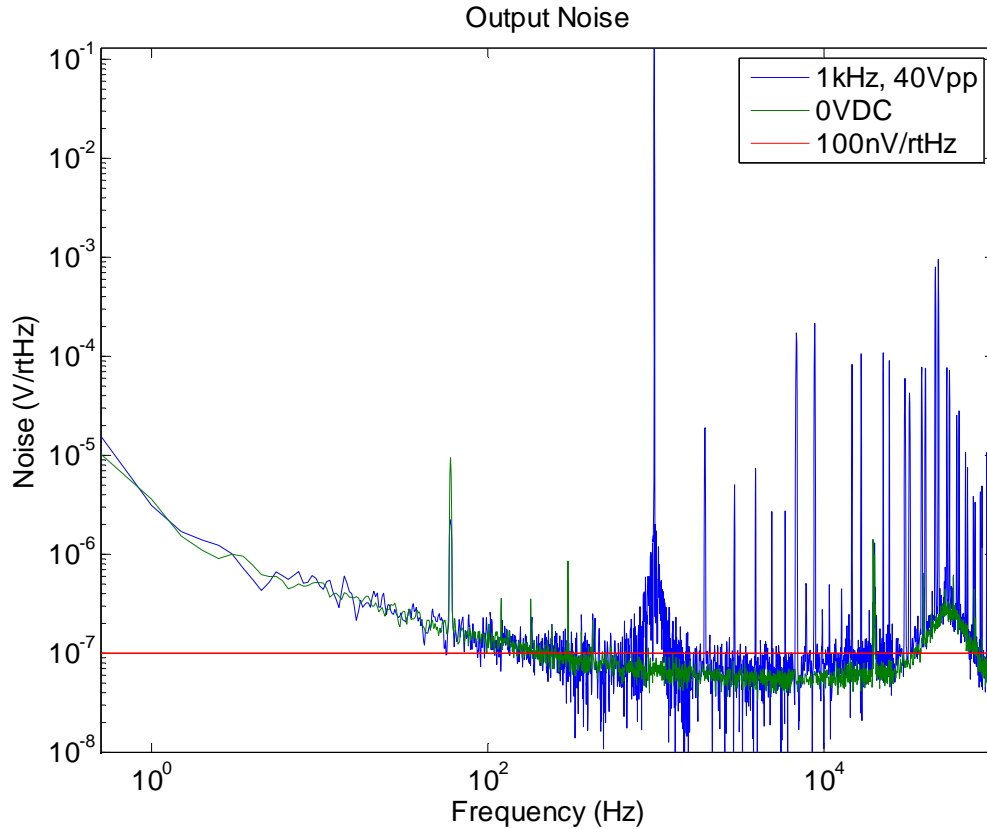
Results Summary

	Design Goal	Actual Value
THD	$< -90\text{dB}$	-110dB
Crosstalk	$< -120\text{dB}$	-125dB
CMRR	$> 80\text{dB}$	83dB

DAC 1794A Performance



Noise, Full Scale Output



THD

