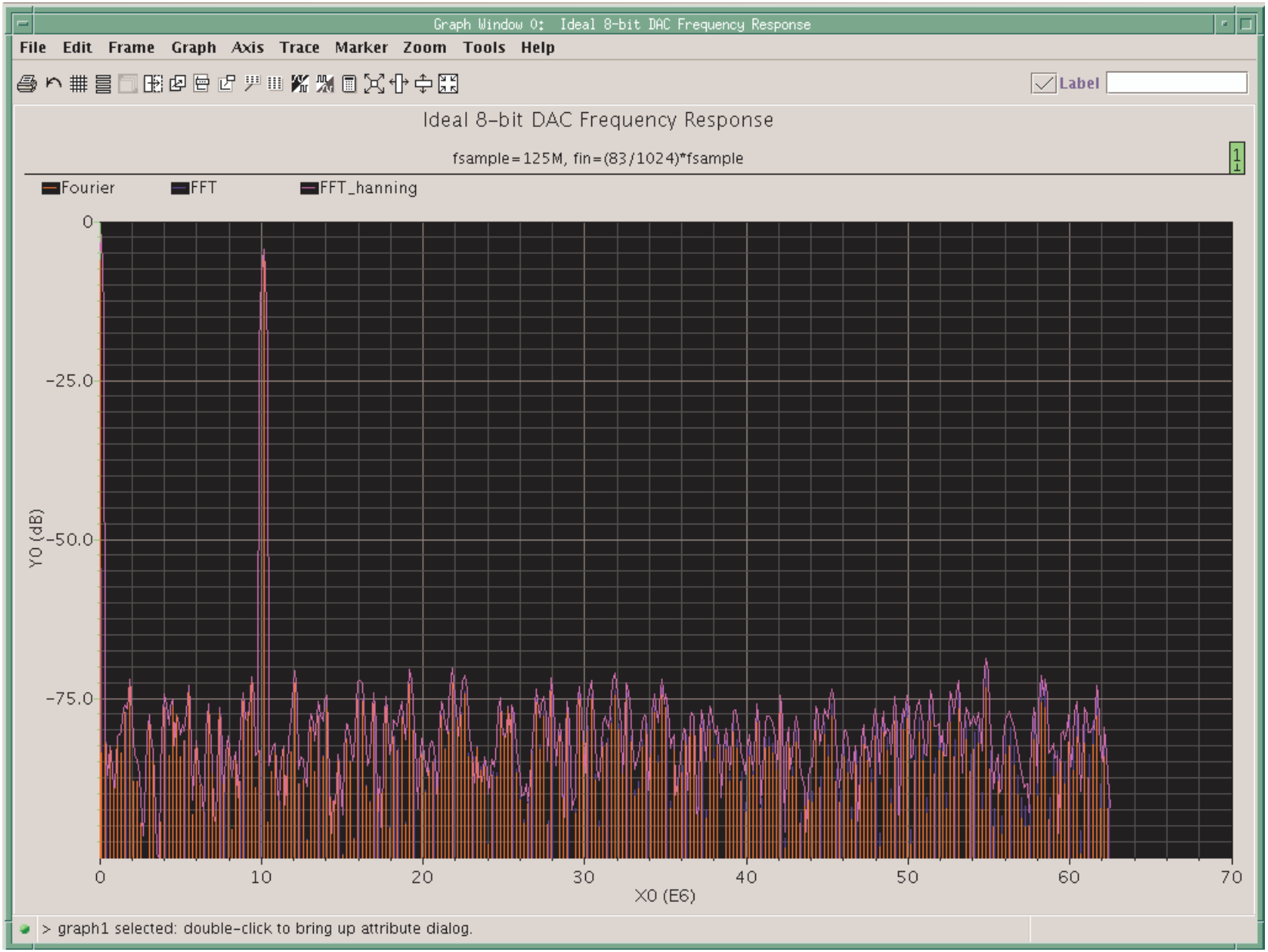
Graph Window 0: Ideal 8-bit DAC Frequency Response
File Edit Frame Graph Axis Trace Marker Zoom Tools Help
Label
Ideal 8-bit DAC Frequency Response
fsample=125M, fin=(83/1024)*fsample
Fourier
FFT
FFT_hanning
0
-25.0
-50.0
-75.0
Y0 (dB)
0
10
20
30
40
50
60
70
X0 (E6)
> graph1 selected: double-click to bring up attribute dialog.

// Fourier Component Definition

FOUR0 (DAC 0) fourier fund=122070.3125 harms=512 normharm=83

```
========================
Fourier Analysis `FOUR0'
========================

Fundamental frequency = 122.07 kHz.
Fundamental period = 8.192 us.

Fourier components of V(dac) for the interval from 1.808 us to 10 us:
DC = 498.047 mV.

Harm:  Absolute        Absolute        Relative        Relative
       Magnitude       Phase           Magnitude       Phase

  79:  26.8001 uV     -103.956 Deg    -84.410 dB       1.91018 Deg
  80:  24.9061 fV      41.8779 Deg    -265.047 dB      147.744 Deg
  81:  57.4283 uV     -63.7609 Deg    -77.790 dB       42.1051 Deg
  82:  52.6949 fV      165.39 Deg     -258.537 dB      271.256 Deg
  83:  445.278 mV     -105.866 Deg     0.000 dB        0 Deg <- normalizer
  84:  16.809 fV       109.983 Deg    -268.462 dB      215.849 Deg
  85:  137.595 uV     -123.027 Deg    -70.201 dB      -17.1607 Deg
  86:  6.69191 fV     -43.7683 Deg    -276.462 dB      62.0977 Deg
  87:  38.7536 uV     -110.038 Deg    -81.206 dB      -4.17152 Deg

 Total harmonic distortion = 320.559 m% (-49.8818 dB).
RMS value of computed spectrum (excluding DC) = 445.281 mV.
RMS value of computed spectrum (including DC) = 668.076 mV.
Nonperiodicity (first/last point mismatch) = 0 V (0 %).
```