

### iX Series – Meeting 800Hz Test Requirements

California Instruments iX Series AC/DC Power Source / Analyzer has the power to deliver AC, DC, and AC+DC, generate transient waveforms and perform complex power measurements. The standard frequency range of the iX Series is 16-500Hz. Many applications, including commercial and military avionics testing, require output frequencies above 500Hz.

The following avionics tests require 800Hz output:

- DO-160
- EUROCAE
- ABD-0100
- Mil-Std-704
- B787

California Instruments iX Series offers test routines for these listed avionics standards. With one of the avionics test options installed, (i.e. -160, -ABD, -B787, -704), users can program their iX Series power sources to generate waveforms up to 800Hz. (See rating chart for voltage/frequency limitations.) Contact customer service ([support@calinst.com](mailto:support@calinst.com)) for information on upgrading existing iX Series power sources.

#### Rating Chart

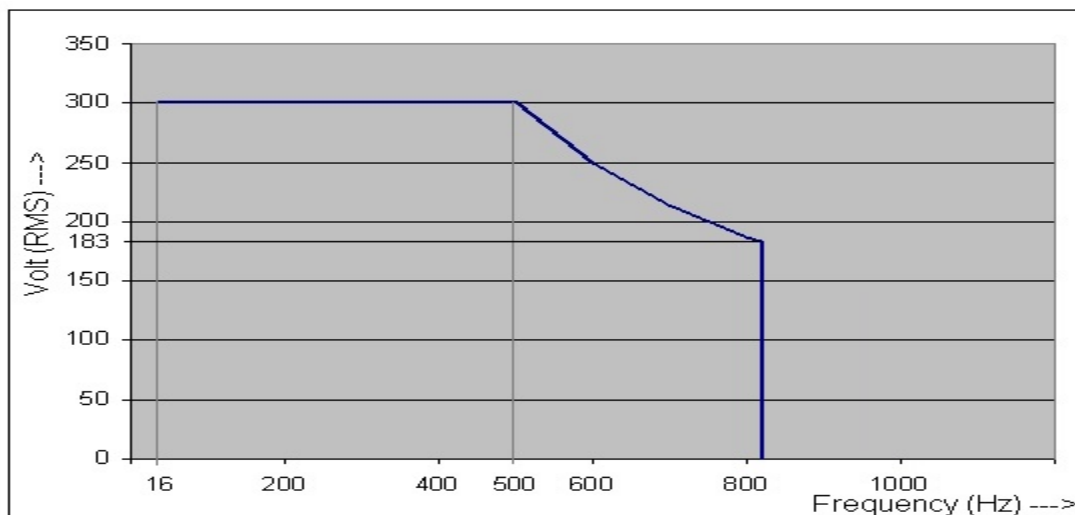


Figure 1: Maximum RMS output voltage as a function of frequency in 300V Range.