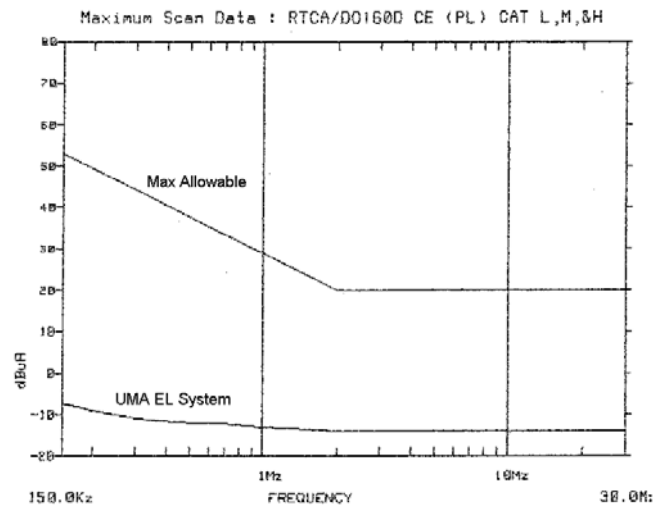




UMA EL Bezel Light System EMI Testing

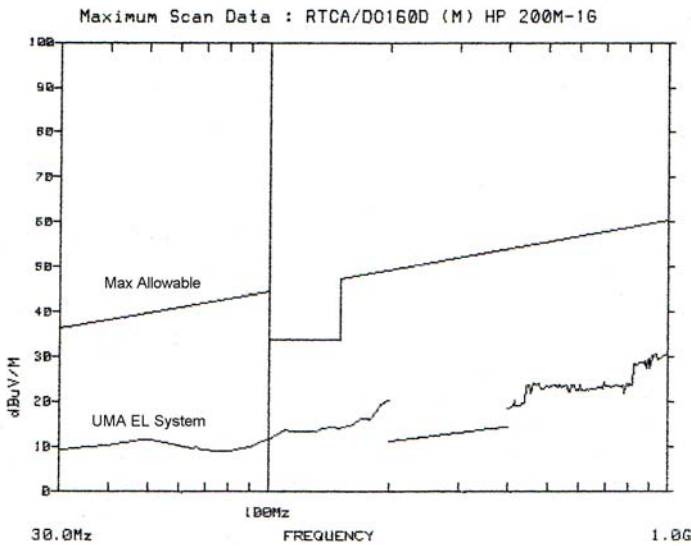
In light of the description in AC 43.13-1B, section 3 §11-35 that static power converters “often emit unacceptable levels of EMI...” the UMA, Inc. Electroluminescent Light Bezel System was tested for EMI by Ball Aerospace & Technologies on November 18, 2002. The specification used was RTCA/DO-160D, Section 21, Category “M” which is defined as “suitable for equipment located in the passenger cabin or in the cockpit of a transport aircraft.” The following test results show that the system passes with emissions well below allowable RF emission levels. The graphs show the data without broadband correction. These test results have been reviewed by the FAA and are on file with the New York ACO.

Figure one: > Conducted RF Emission measured on the Power Line



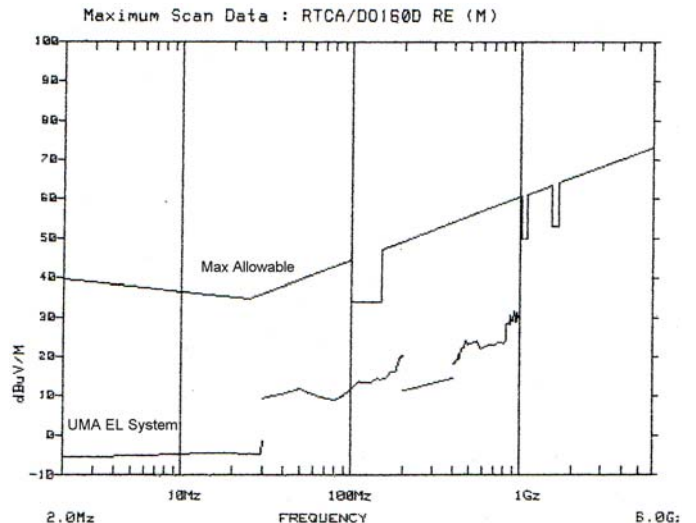
28✓

< Figure Two: Radiated RF Emission w/ Horizontal Polarized antenna



28✓

Figure 3: > Radiated RF Emission w/ Vertical Polarized antenna



28✓