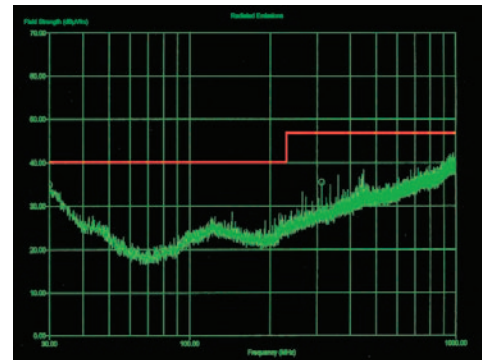
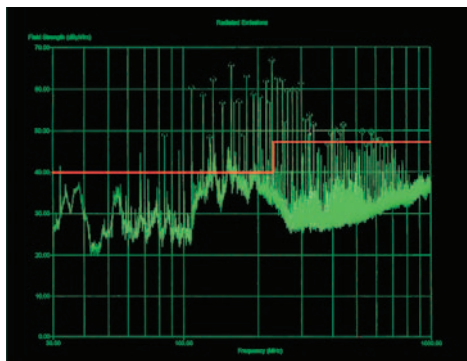


Innovation · Solutions · Results

HDA Technology is a full-service engineering firm specializing in electronic product development, with particular emphasis on medical electronics and regulatory compliance mitigation. We support FDA guidelines for development and meet ISO 13485 requirements.

HDA's Radio Frequency experience covers a broad range of application areas. Depending upon development time requirements, target cost and other project goals, designs may be implemented using a variety of approaches, including discrete component level design, designs utilizing integrated circuits, hybrid or modular components or combinations of these.

We routinely work in the realm of D.C. to hundreds of MHz, from low power levels up to thousands of Watts.



We are particularly successful at EMI mitigation. Above are a before and after plot of a client's product. Our skill in this area results in most of our designs passing EMC on their first try.

Projects involving RF design have included:

- Electrosurgical generators:
 - 250kHz to >13MHz operating frequencies
 - Power levels from several Watts to greater than 2 kW (dosage limited to 400 W/s)
- Therapeutic RF treatment systems at ISM frequencies from 100kHz to 27.120 MHz and above
- Ultrasound systems operating at frequencies from 8 MHz to 20 MHz
- Multiplexed audio/video distribution via RF carrier based wired systems
- Industrial plasma generators operating at ISM frequencies of 27.120 MHz and above
- CO2 laser control and drive systems, 80 MHz and 100 MHz, to 300 W
- Systems incorporating Bluetooth and other wireless networking modalities
- EMI mitigation to Medical, Aerospace and Automotive requirements
- We are an Atmel CryptoRF™ Development partner

Our goal is to be your preferred electronic development partner.

Our mission is to provide your company with a reliable, effective development resource.