

Freevolt enables scalable biometric solutions

Freevolt increases the speed and amount of energy available to smartcards, enabling the biometric revolution. It uses existing manufacturing techniques and components, is compliant with size and thickness requirements for existing smart and credit card standards, and it is already in use for mass manufacture having signed its first non-exclusive licence with CardLab Innovation Aps.

The potential applications you may have for greater power include:

- Payment credit and debit cards
- e-Passports
- ID cards
- Security passes
- Medical information cards

“Freevolt smart card harvesting solutions currently outperform all other solutions on the market- providing between 2-3 times more available power for contactless transactions”

Frank Sandeløv - CardLab Aps

Typical Contactless Transaction:

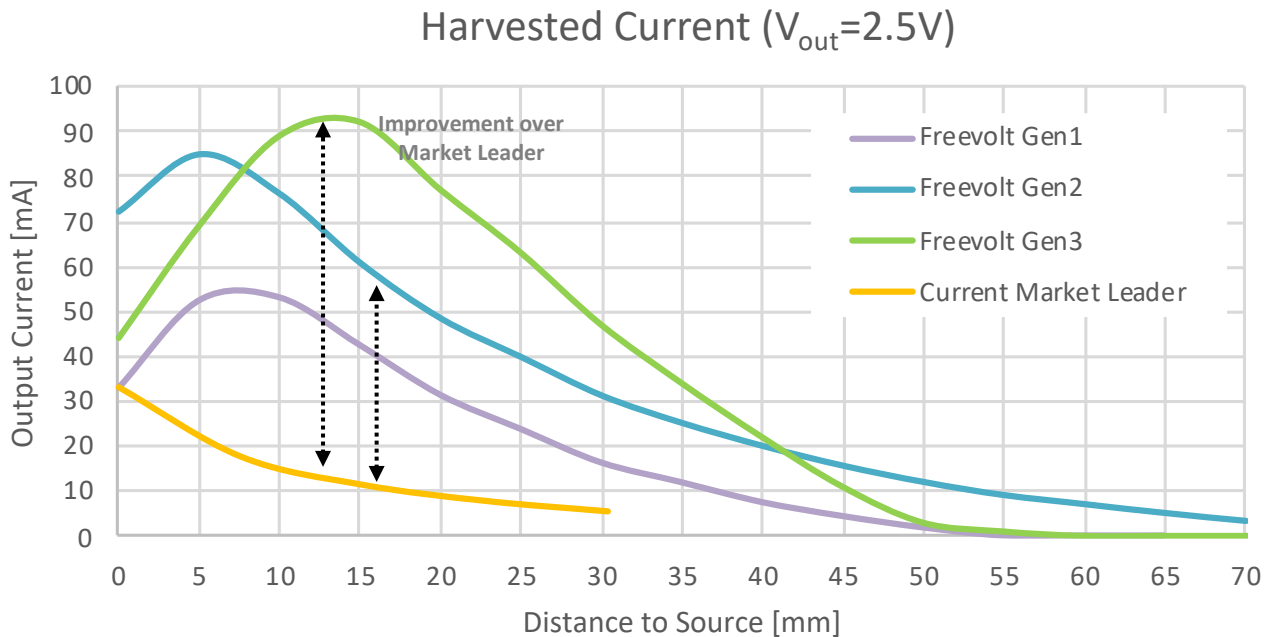


Freevolt is easy to use, low cost and available to license now

- ✓ The Freevolt solution works with existing global card technologies and regulations
- ☰ Uses standard components and manufacturing techniques
- ✗ No change to weight, dimensions or appearance of the smartcard
- ⚡ No recharging or changing batteries: it works whenever in the vicinity of a card reader
- 🔧 Able to be adapted and applied to multiple use cases and designs
- 🔒 Enabled through a suite of proprietary, patented and patent pending technologies created by Freevolt

For more information on Freevolt, contact us: info@getfreevolt.com / +44 203 176 2350

Performance



Freevolt's latest Gen3 system is now available and can harvest **up to 51% more**, and out-performs the next best in the market by **up to 6 times** and over 1.5 times the distance.

- Current Market Leader data is for a "harvesting only" solution, whereas Freevolt data is harvesting + communications
- FV gen1 and gen2 performance measured on market standard Omnikey (HID) reader
- All measurements taken using Voltage load at 2.5 V

About Freevolt

Freevolt is a global award-winning suite of proprietary, patented and patent pending technologies that recycle and harvest RF energy from radio transmission networks (NFC, cellular, Wi-Fi, etc.) in order to power electrical devices such as smart cards, sensors, and wearables.

Freevolt's mission in the smart card space is to enable fraud protection and improved security without any impact on existing infrastructure or user experience.

Freevolt is based in London, UK with a team of international engineers bringing a wealth of experience in RF energy harvesting and associated power and control technologies, from a variety of industries.

For more information visit www.getfreevolt.com



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