

EFI Analysis Tool Download Page

This page includes information on the download, installation, use, and interpretation of the Electric Field Imaging (EFI) Analysis Tool. This tool is intended for use by professionals actively engaged in the ongoing care of Advanced Bionics patients with a HiRes Ultra or HiRes Ultra 3D cochlear implant.

This tool will provide a detailed analysis and report on measured impedance values.

About the software

This software is compatible with Windows 7 and 10.
No additional software or hardware is required for use of this software.

Download

The software can be downloaded by clicking this [\[LINK\]](#).

Installation

The downloaded file is an executable (.exe) file.
The file should be copied to the computer you wish to use for analysis. The computer must have a Windows operating system (Windows 7 or 10)

Use

Double-click the icon for the executable file to open the user interface

Load a file for analysis

- Acceptable files for analysis include a .json file
- The .json file is generated when impedances are collected using the AIM tablet
- Files can be loaded from a network location or the local drive
Use the standard navigation interface to locate the appropriate file
- The analysis can be applied to measurements from any HiRes Ultra or HiRes Ultra 3D device

Once loaded, the analysis will be completed automatically. A summary report will also be generated automatically.

Interpretation

The interface will display patient and device information from the loaded file. The analysis will indicate if an EFI anomaly was observed (Yes/No). If an anomaly is observed, possibly affected electrodes will be identified in the interface. Impedance data is displayed in two plots (EFI log plot and EFI 3D plot). Anomalies should be discussed with your local AB representative.