

**Docket #:** S06-046

# **MRI - "IDEAL" MRI: Calibration Maps for Parallel Imaging Free of Chemical Shift Artifact**

A method for generating a calibrated parallel magnetic resonance image is provided in a manifestation of the invention. A magnetic resonance imaging excitation is applied. A plurality of echoes at different echo times (TE) is acquired. The acquired plurality of echoes from different echo times is used to create a chemical shift corrected calibration map.

## **Patents**

- Published Application: [20070247154](#)
- Issued: [7,741,842 \(USA\)](#)

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