

# EMC

## Shielding and Crosstalk

Electromagnetics Research Group

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### **Abstract**

Electromagnetic compatibility and interference.

## 1 Introduction

This report presents computational analysis of emc.

## 2 Mathematical Framework

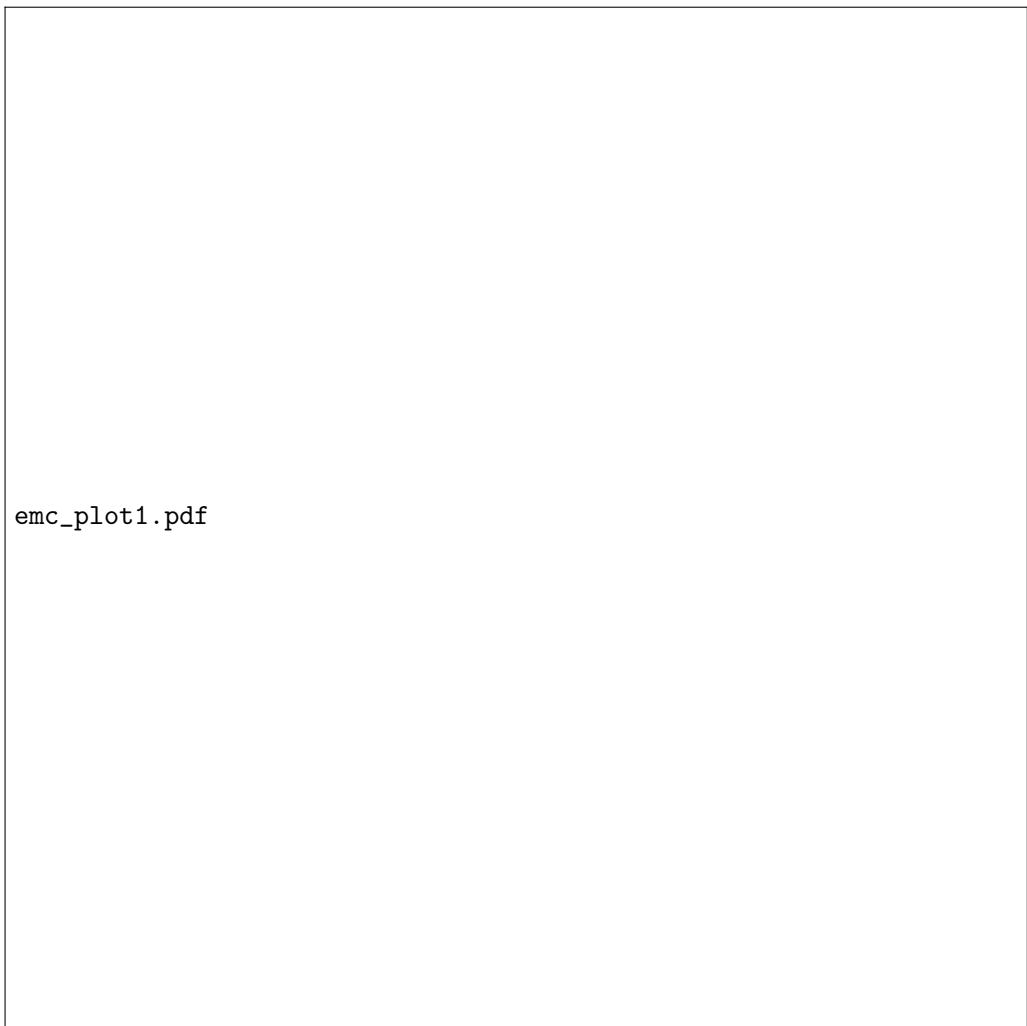
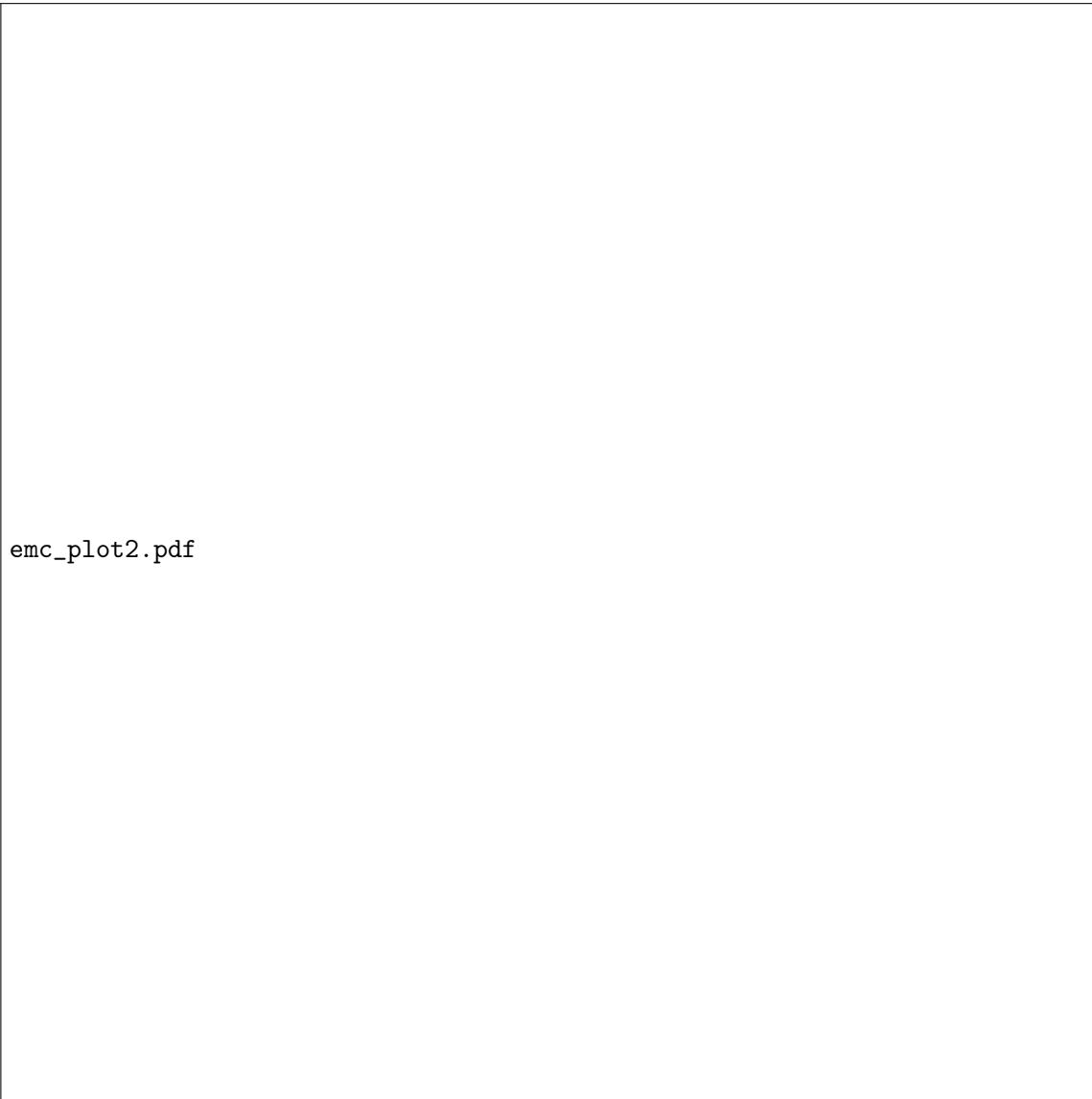


Figure 1: Primary analysis results.

### 3 Secondary Analysis



emc\_plot2.pdf

Figure 2: Secondary analysis comparison.

## 4 Parameter Study



Figure 3: Parameter sensitivity analysis.

## 5 2D Visualization

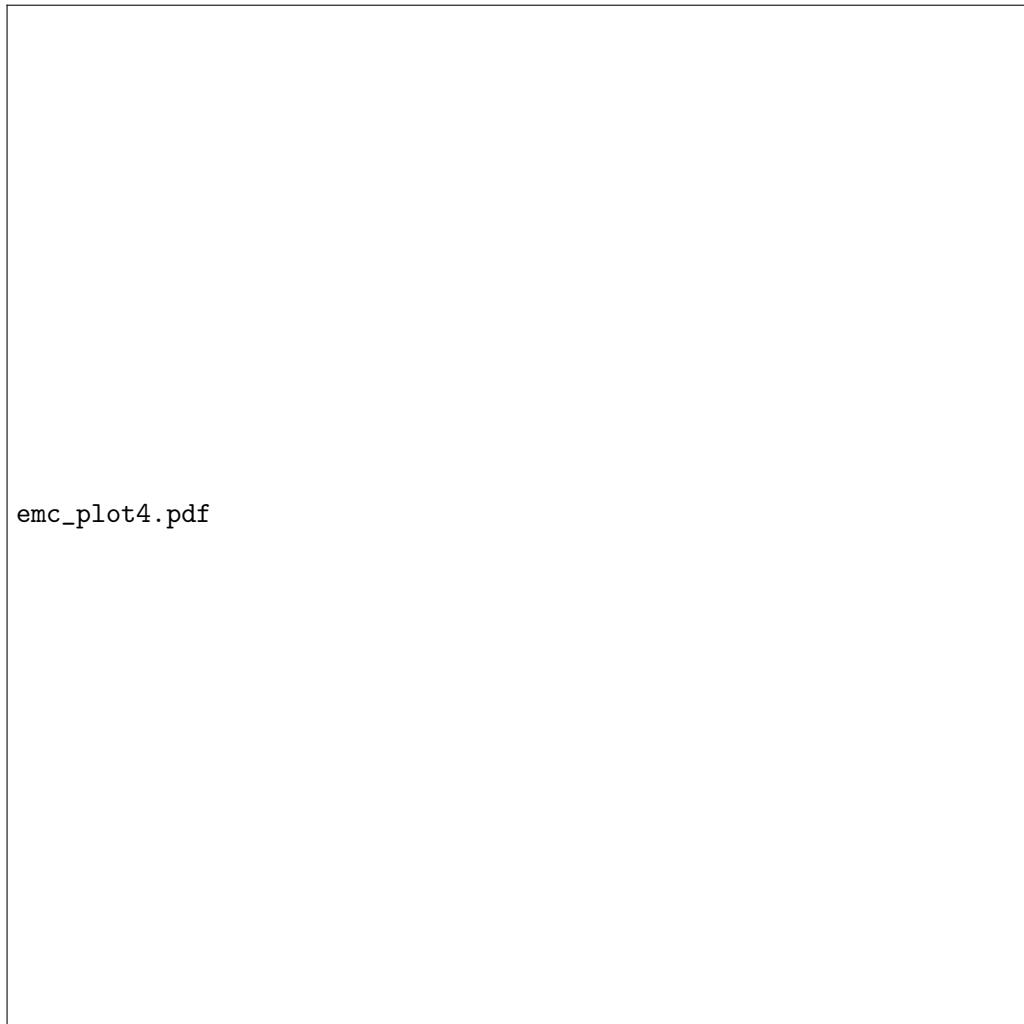


Figure 4: Two-dimensional field visualization.

## 6 Distribution Analysis

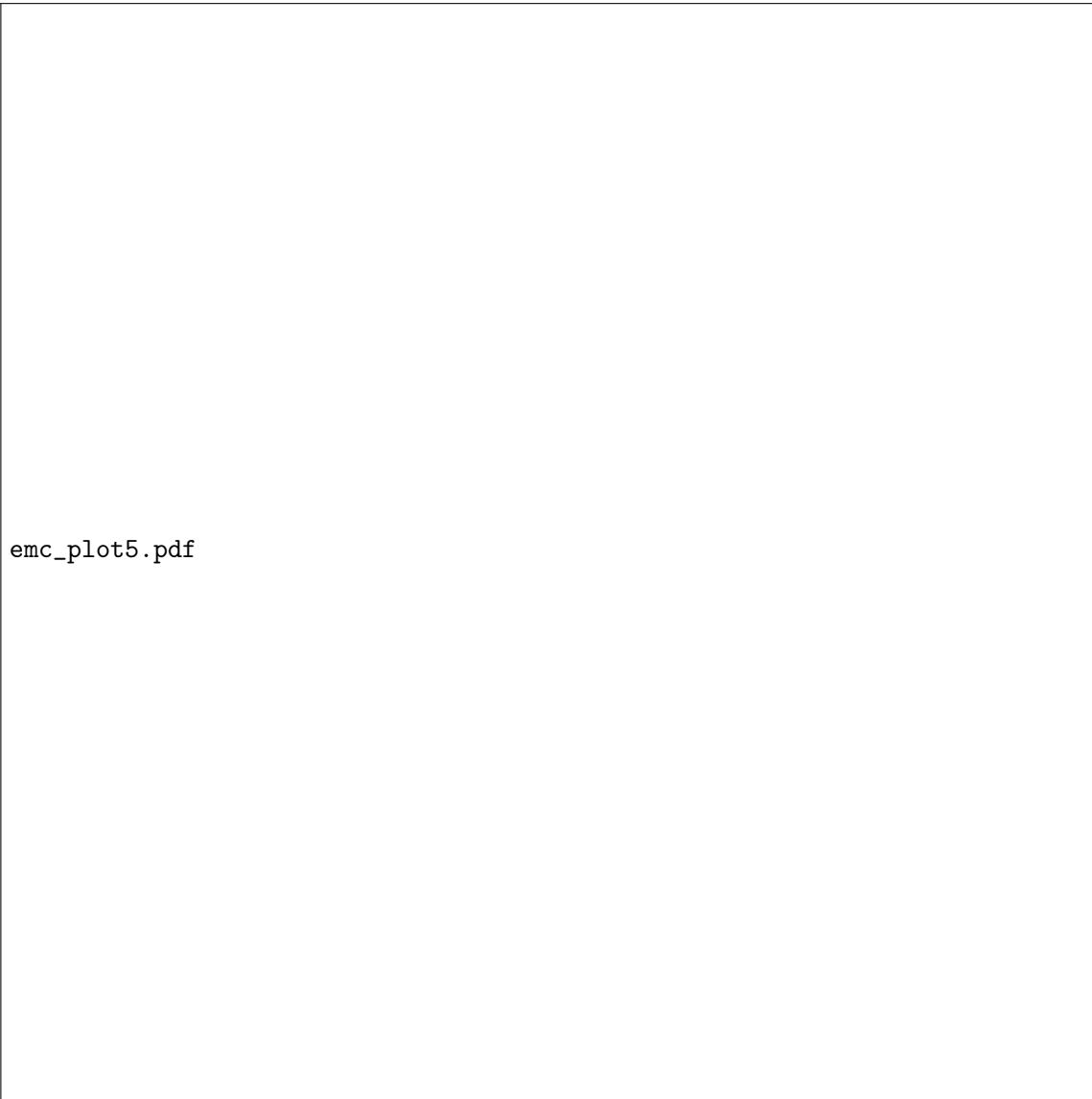


Figure 5: Statistical distribution analysis.

## 7 Time Series



Figure 6: Time series visualization.

## 8 Results Summary

## 9 Conclusions

This analysis demonstrates the computational approach to emc.