

# Using Quasi-static Magnetic Fields and Meta-material Amplifiers for ubiquitous wireless charging

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**Abstract**

## **1 Introduction**

Wireless Charging, the Pinnacle of refueling devices, free of constraints, nothing holding the user back from being forced to charge with the length of cord limiting there freedom to move around while charging there device. But, a problem is present with Modern Wireless Charging in the current form that it is used in currently, and that is the need for a connection constantly to charge your device. This of course, refers to the current method of wireless charging, being Qi Wireless Charging.

## **2 Background**