

Abstract Submitted  
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**Frequency Agile Tuning For Plasmas Excited Using RF**  
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GEORGE COLLINS, Colorado State University — Frequency agile tuning, while  
commonly used at GHz range, presents a number of difficulties for realization at  
frequencies in the 10's of MHz. We describe methods to achieve frequency agile  
tuning to perform controllable impedance matching and discuss methods by which  
tuning ranges may be further broadened.

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