



HASAN KALYONCU UNIVERSITY

Electrical-Electronics Engineering Department

EEE 499 Project Proposal Form

Part I. Project Proposer (7)

Name Lastname		E-mail	
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Part II. Project Information

Starting Term	<table border="1" style="display: inline-table; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 20px;">2</td> <td style="width: 20px;">0</td> <td style="width: 20px;">2</td> <td style="width: 20px;">3</td> <td style="width: 20px;">/</td> <td style="width: 20px;">2</td> <td style="width: 20px;">0</td> <td style="width: 20px;">2</td> <td style="width: 20px;">4</td> </tr> </table> <p>Fall two students required</p>	2	0	2	3	/	2	0	2	4
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Title of the Project										
Project Description										
<p>Cell phone jammer is an electronic device that blocks transmission of signals between a cell phone and a base station. By using the same frequency as a mobile handset, the cell phone jammer creates strong interference for communication between the caller and receiver. It is effective in blocking transmission of signals from networks including UMTS, 3G, CDMA, GSM and PHS.</p>										
Project Justification										
<p>This jammer works at 450 MHZ, so the frequency will be adjusted to work in our country.</p>										
New aspects	New frequencies jamming.									
Challenging problem and issues	To set the jammer to new frequencies is a challenging.									
Related electrical-electronics science fields and subfields	Project is related electronics, wireless communication									
Tools	RF amplifier Voltage Controlled Oscillator Tuning circuit									
Risk involved										
Potential problems and alternative solutions	If the circuit is not working properly, try increasing resistor and capacitors values in the circuit.									
Minimum work required	At least 450 MHZ jammer should be done..									