

Dear Mr. Douglas Young,

In regards to Superconductor Technologies, Inc's application with the FCC for experimental license File #0314-EX-PL-2007 [Reference Number: 5954], we respectfully submit the following narrative statement describing our project:

Our project will transmit small > 20W pulsed RF signals and measure the reflections. We will then compare the results in time and frequency of different non-radiating targets on the ground. The measurement system including the antennas will be at ground level (less than 10 feet). Our intent is to make the measurements in a lemon grove behind our facilities in Santa Barbara

This project activity is funded by a US government funded program: "Non-linear Device Detection Proof of Concept program" (H94003-07-C-0710) sponsored by

Defense Microelectronics Activity (DMEA)
4234 54th Street
McClellan, CA 95652-2100

Thank you for your consideration,

Neal Fenzi
Chief Engineer
Superconductor Technologies, Inc.
805-690-4537
nfenzi@suptech.com