EE/CpE 423-424
WEEKLY STATUS REPORT

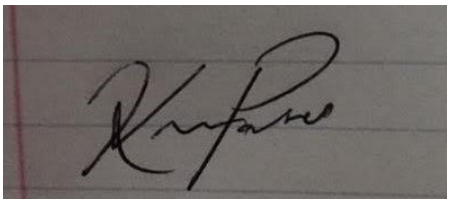
Group #	**05**	**Week ending: (Saturday)**	**10/29/16**	**Report #**	**08**
Project Title:	**Spectrum Sensing and Signal Identification using USRP**				
Group Leader:	**Thomas Wright**	**Advisor:**	**Bruce McNair**		
Sponsor/Client:	**MITRE Corporation**				
Total number of person-hours spent on project by group during past week:			**15**		
Is project on schedule?	**Yes**	**[X]**	**No**	**[ ]**	

Weekly status:

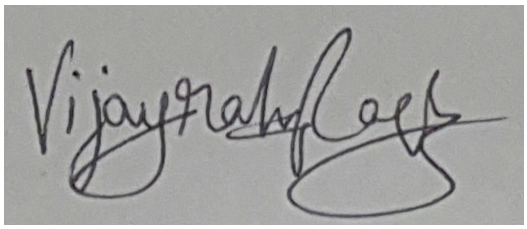
Last week, the group got into the technical aspects of the radio, the project was divided up, and specific tasks were assigned to individuals. Major tasks involve converting the spectrum back and forth from time/frequency domains in order to isolate signals, and an alternative to looping (for, while, etc.) in GNURadio. Others include creating simple Tx profiles, looking into machine learning concepts, and so on. The website is in final development, and we are working to input required information about the radio's functions and related operations.

"I Pledge my Honor that I have abided by the Stevens Honor System."

Andrew Guthrie Joseph Pang Kunal Patel



Thomas Wright Vijayrahul Raja



Weekly report is due to Senior Design Coordinator and TA by Noon Monday. Email submission to bmcnair@stevens.edu and TA. Copy should be sent to advisor

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