

Team sdmay22-30

Project Title: 5G-and-beyond HW & SW

Date: 10/24/2021

Members:

Nick Garrelts

Connor Kesterson

Johnathan Leisinger

Josh Guyer

Ruofeng Gao

Raffael Neuser

Joshua Naber

What we've accomplished in the past week/what we've been researching

Nick Garrelts- Completed design doc and researching 5G software resources.

Connor Kesterson - Helped with design doc and started research on 5G software

Johnathan Leisinger - Worked on design doc and lightning talk

Josh Guyer- Completed the design document and drew up ideas for the enclosure.

Joshua Naber- Researching 5G sdr's and how to fit them in an enclosure

Raffael Neuser - Still researching 5G from the resources provided by the professor

Ruofeng Gao- working on the design document and lightning talk

What we're planning to do in the coming week

Nick Garrelts- Begin looking into the code of the algorithms and develop software plan/roadmap

Connor Kesterson - Continue to research 5G algorithms

Johnathan Leisinger - Continue to research 5G using provided resources

Josh Guyer- Get 3D printing certified and begin modeling the enclosure

Joshua Naber- Learn about 3D printing in the SIC and start a design for enclosure

Raffael Neuser - Read more about 5G tech stacks, get started on the enclosure.

Ruofeng Gao- learn about software and test work

Issues we had in the previous week

Nick Garrelts- None

Connor Kesterson - None

Johnathan Leisinger - Uncertainty in required software-related tasks

Josh Guyer- Communication with the research assistant

Joshua Naber- None

Raffael Neuser - None

Ruofeng Gao- None