

Team sdmay22-30

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

Date: 10/31/2021

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- Looked into source code of srsRAN

Connor Kesterson - researching srsRAN algorithms

Johnathan Leisinger - researching problems and solutions regarding 4G and 5G systems

Josh Guyer- Began 3D modeling the enclosure

Joshua Naber- Met with Research assistant and started 3d modeling the enclosure

Raffael Neuser - Still reading the book

Ruofeng Gao- Reading book and searching online

What we're planning to do in the coming week

Nick Garrelts- Identify parts of the srsRAN code and how it functions

Connor Kesterson - try to understand how the srsRAN algorithms work

Johnathan Leisinger - meet/exchange ideas with rest of software team and continue to research

Josh Guyer- Start iterating through a design by 3D printing pieces and assembling the enclosure

Joshua Naber- Complete 3D printing course for the SIC and continue designing 3D enclosure

Raffael Neuser - Read the book

Ruofeng Gao- work with team at software development

Issues we had in the previous week

Nick Garrelts- None

Connor Kesterson - None

Johnathan Leisinger - None

Josh Guyer- Learning how to 3D model

Joshua Naber- none

Raffael Neuser - None

Ruofeng Gao- None