**ECE 430**

**LAB 5**

**Laura and Joshua/Joseph**

A picture containing background pattern

Description automatically generated

**Figure 1:** showing ping working on transmitter

Graphical user interface, text, application, table

Description automatically generated

**Figure 2:** showing iperf reporting that it is receiving data on the Rx node

A screenshot of a computer

Description automatically generated

**Figure 3:** uhd\_fft showing node traffic

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**Figure 4 (a & b):** a) transmission before jammer b) continuous jammer affecting transmission

Graphical user interface

Description automatically generated

**Figure 5:** Jamming signal on for 0.1 seconds and off for 0.9 seconds

Timeline

Description automatically generated with low confidence

**Figure 6:** Jamming signal on for 0.2 seconds and off for 0.8 seconds

Graphical user interface, application

Description automatically generated

**Figure 7:** Jamming signal on for 0.1 seconds every 0.5 seconds

Figure 7 displays the most effective jammer settings as this prevents transmission more frequently, causing more data loss than in figure 5&6.