STM32h7hxi Embassy UART Issues

Refer code:
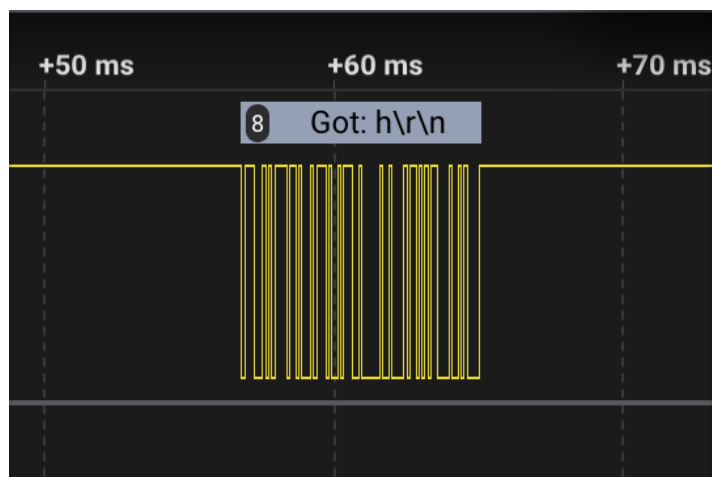https://gist.github.com/bsodmike/bb02e5903a08e8a6bed8e4700054250e

Screen connected to Arduino UNO Wifi Rev2 at 9600baud
Bottom in green: text sent from the screen session, and in yellow response from the UNO saying "Got: h\r\n" etc. It repeats for every character.
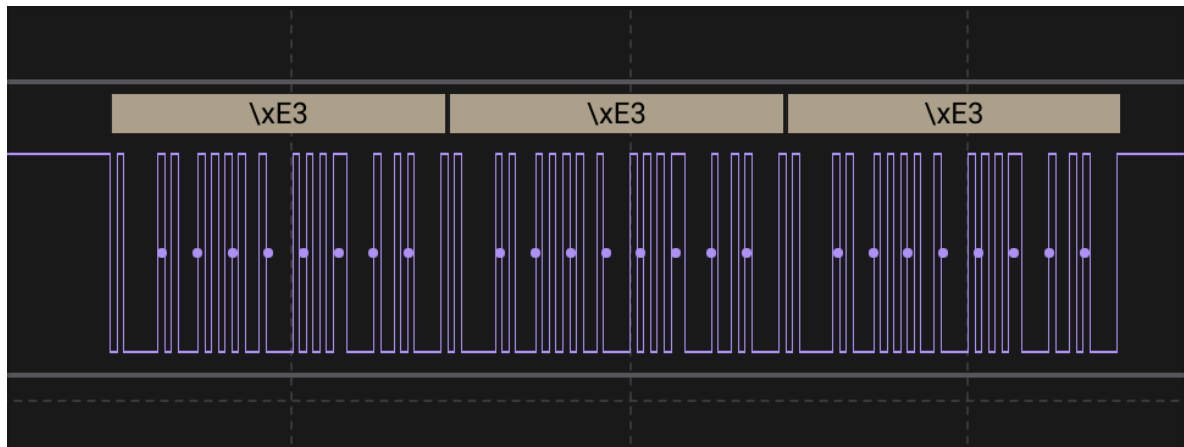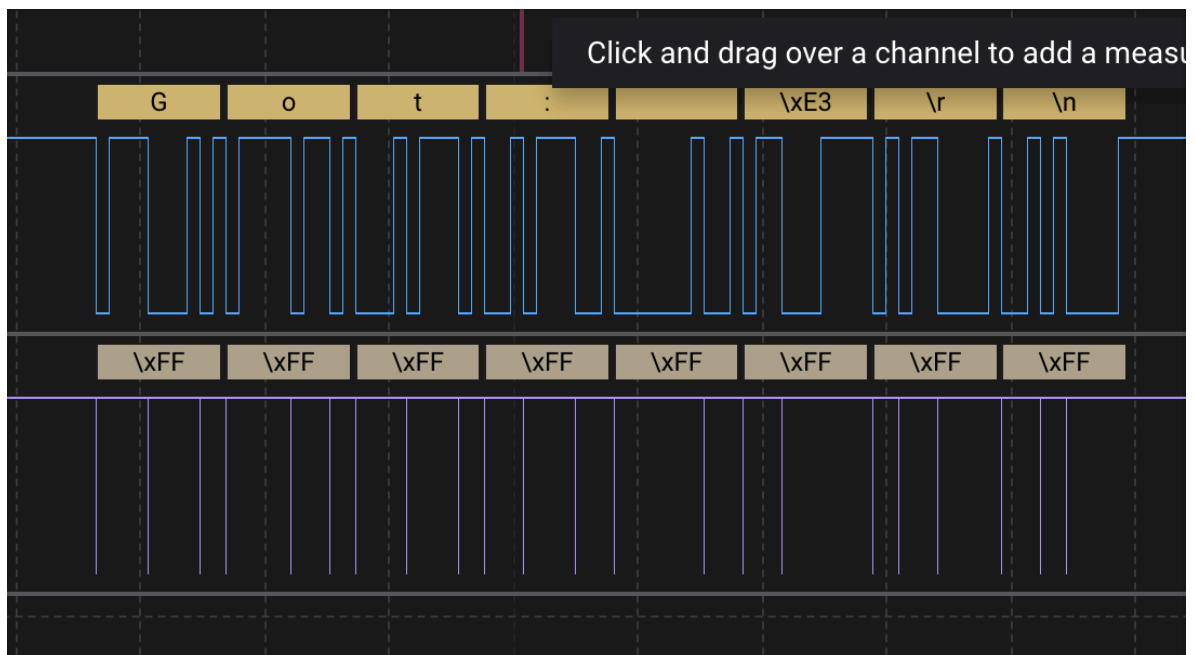

Example response:

Issue:

Connecting the STM32h7hxi (Arduino Portenta H7) with Embassy UART blocking write of text "ATB\r\n" appears as 3-bytes of 0xE3

The UNO's response is seen below in blue

I'm also not sure why it's responding with 0xFF for every response byte from the UNO. This is strange.