Lab #2 Demo
AM/FM transmitting Analog and Digital Data

Procedure:

Connect two Agilent 33210A Function Generators and a Rigol DS2000 oscilloscope as show below:

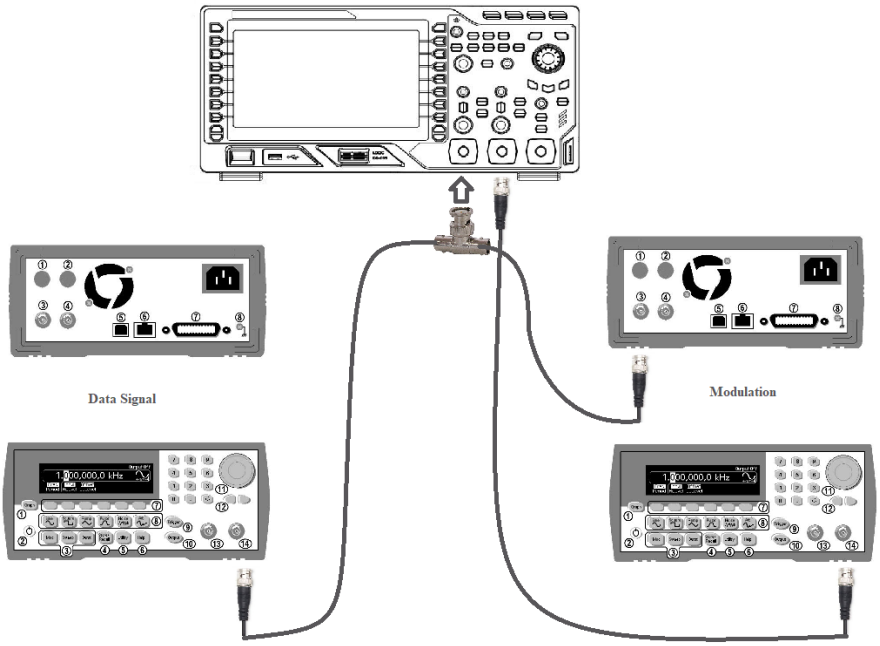

Figure 1- Lab Setup

Setup the data signal for ~10KHz and 5Vp/p and set up the modulating signal to ~100KHz 2.5Vp/p (and if AM do a 80% Depth)

Can use analog or digital for Data Signal…..

Should get something like:

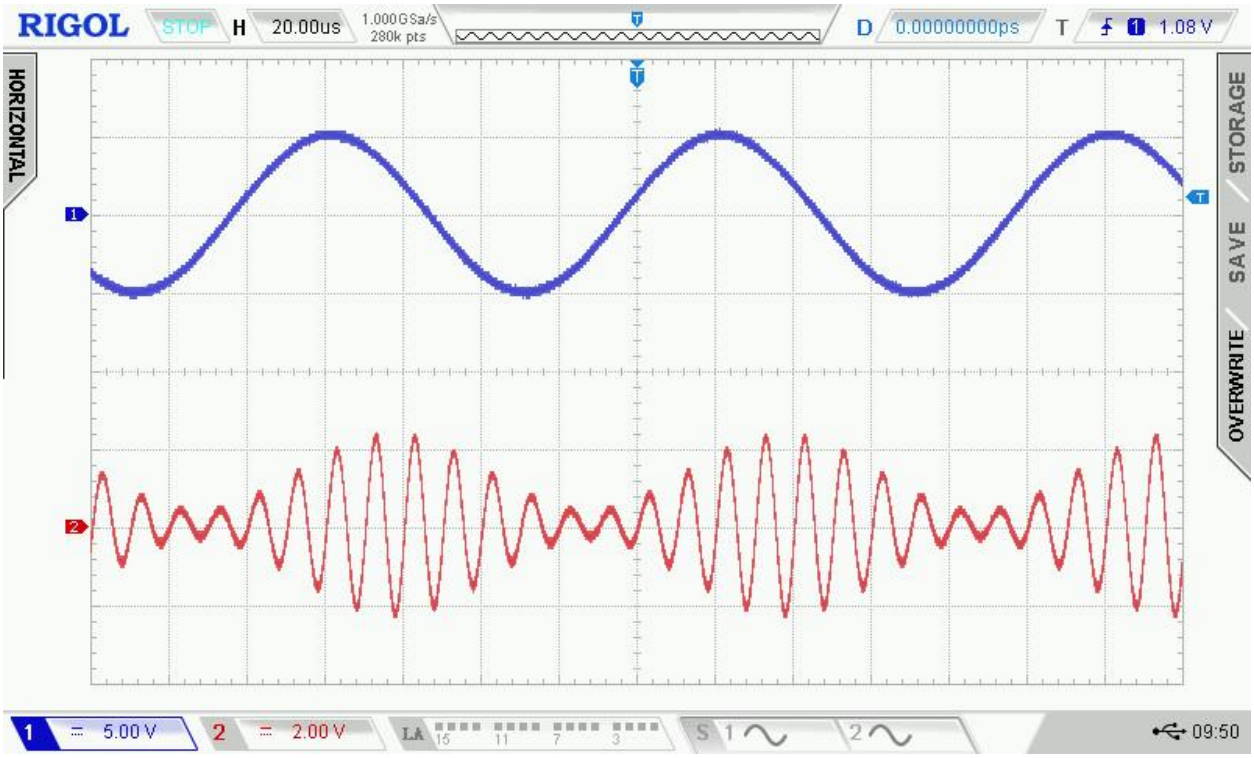

Figure 2- AM Analog Data

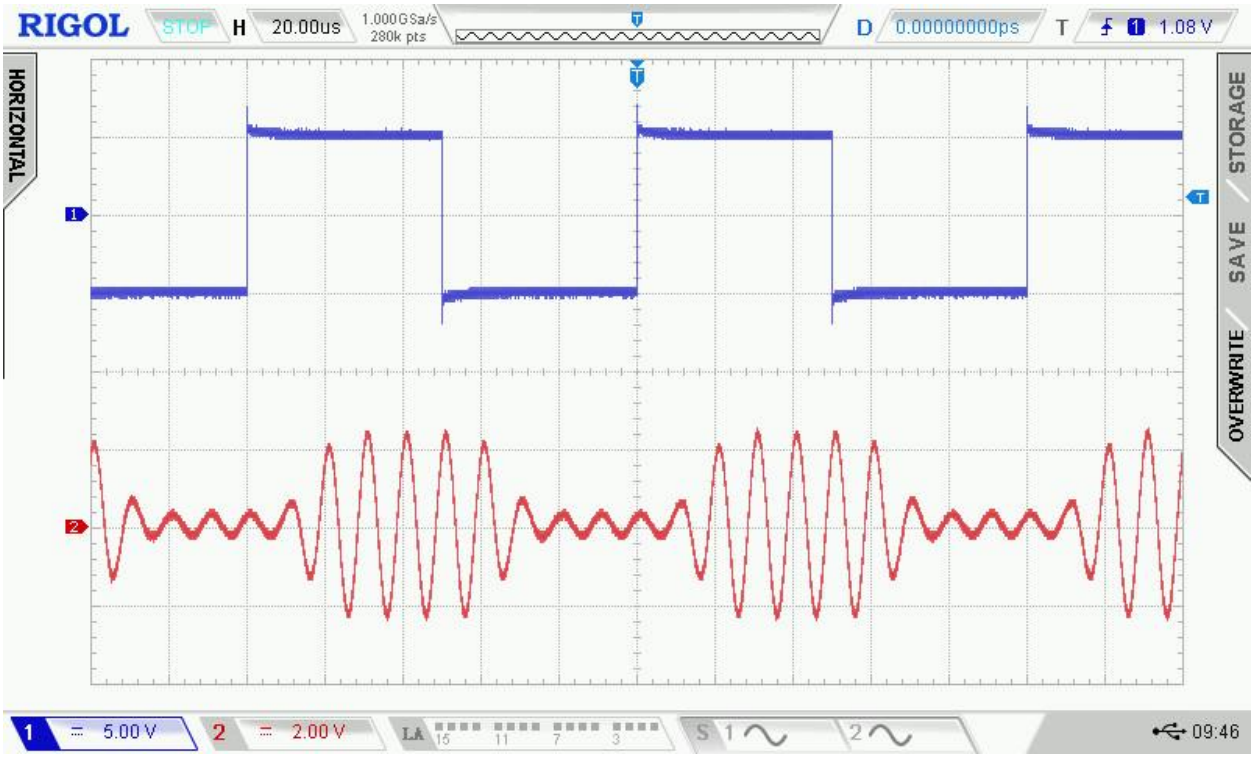

Figure 3- AM Digital Data

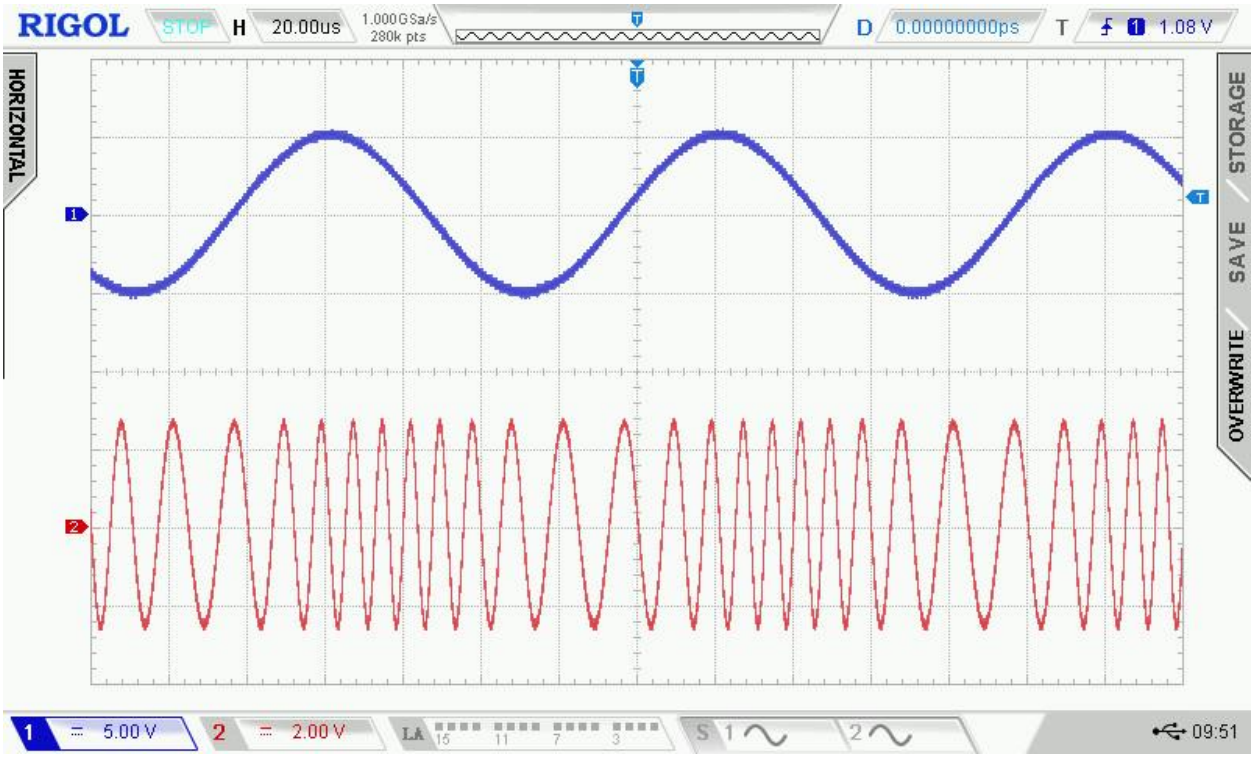

Figure 4- FM Analog Data

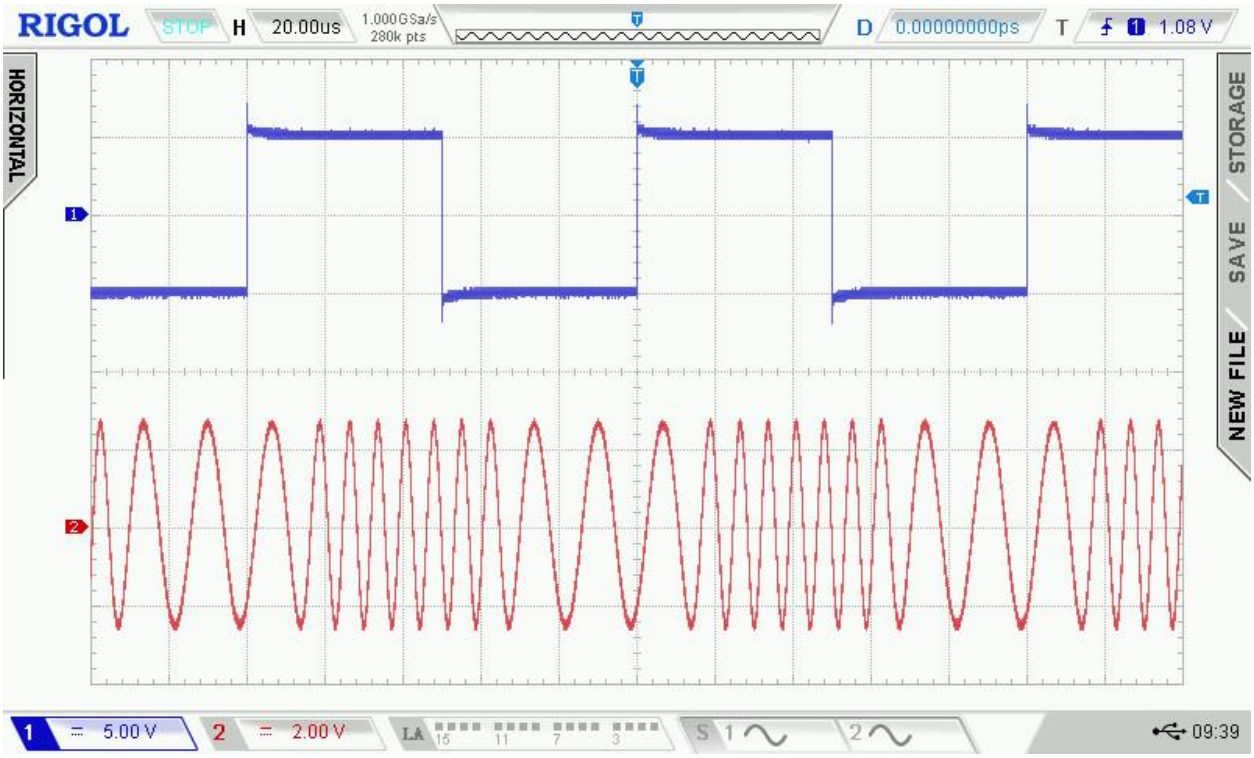

Figure 5- FM Digital Data