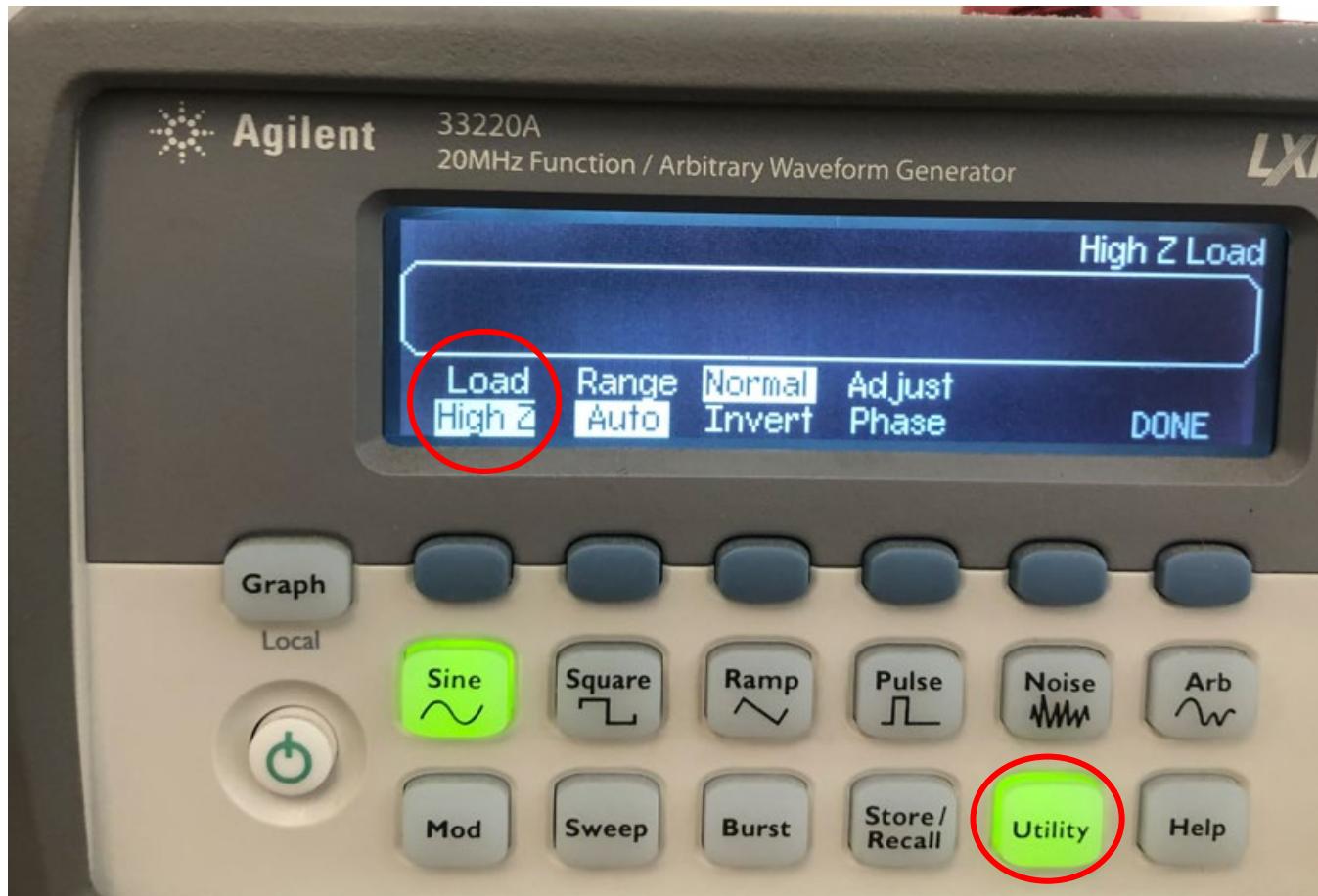


# EE160 lab: Signal generator impedance set up

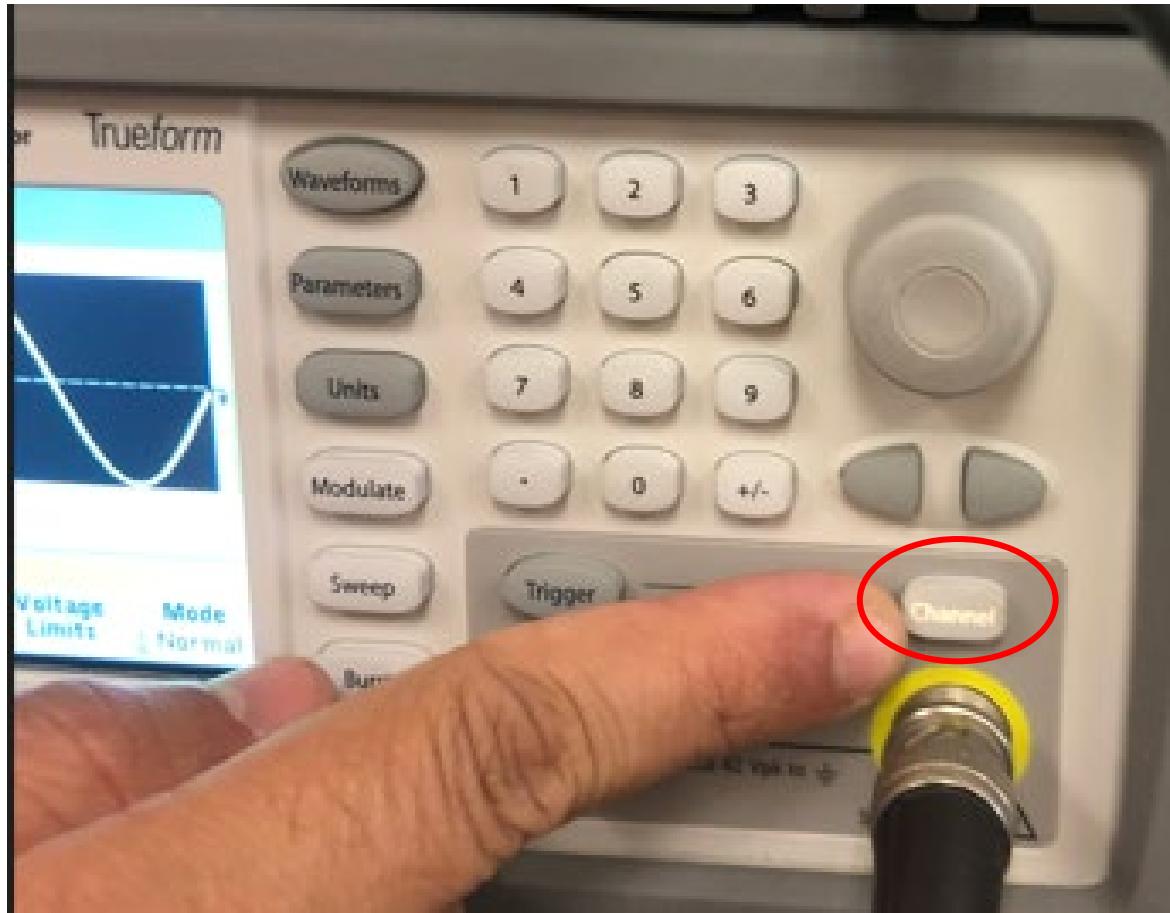
- When using the signal generator, **set the output impedance to *Hi Z***
- Otherwise, there will be a factor of two error in the voltage values
- All the circuits in the lab experiments have high impedance (*Hi Z*)
- **Always check with the oscilloscope** to ensure that voltage amplitude values are set correctly

# 33220A signal generator impedance set up



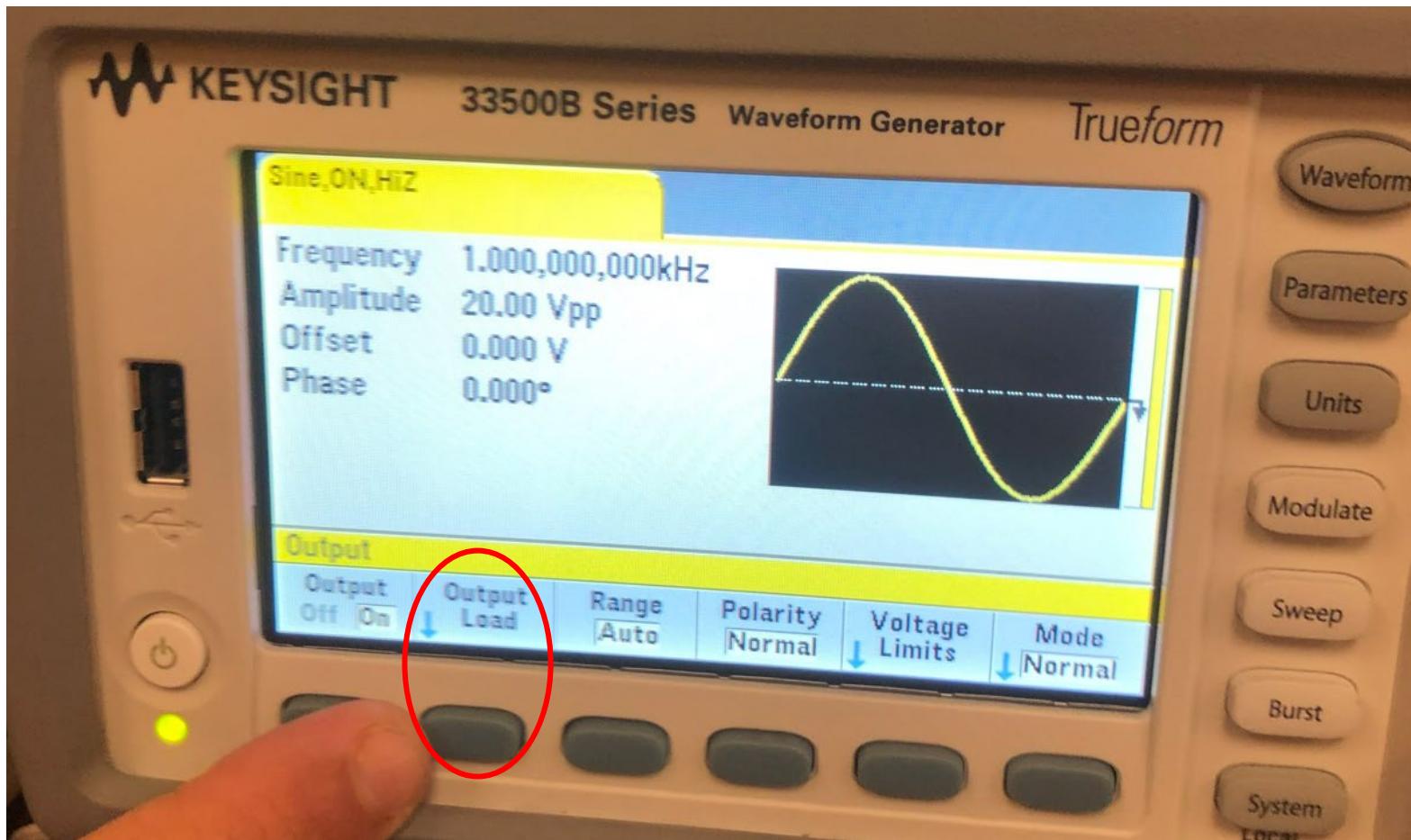
Manual: [https://sjsu.instructure.com/files/78391555/download?download\\_frd=1](https://sjsu.instructure.com/files/78391555/download?download_frd=1)

# 33500B signal generator impedance set up



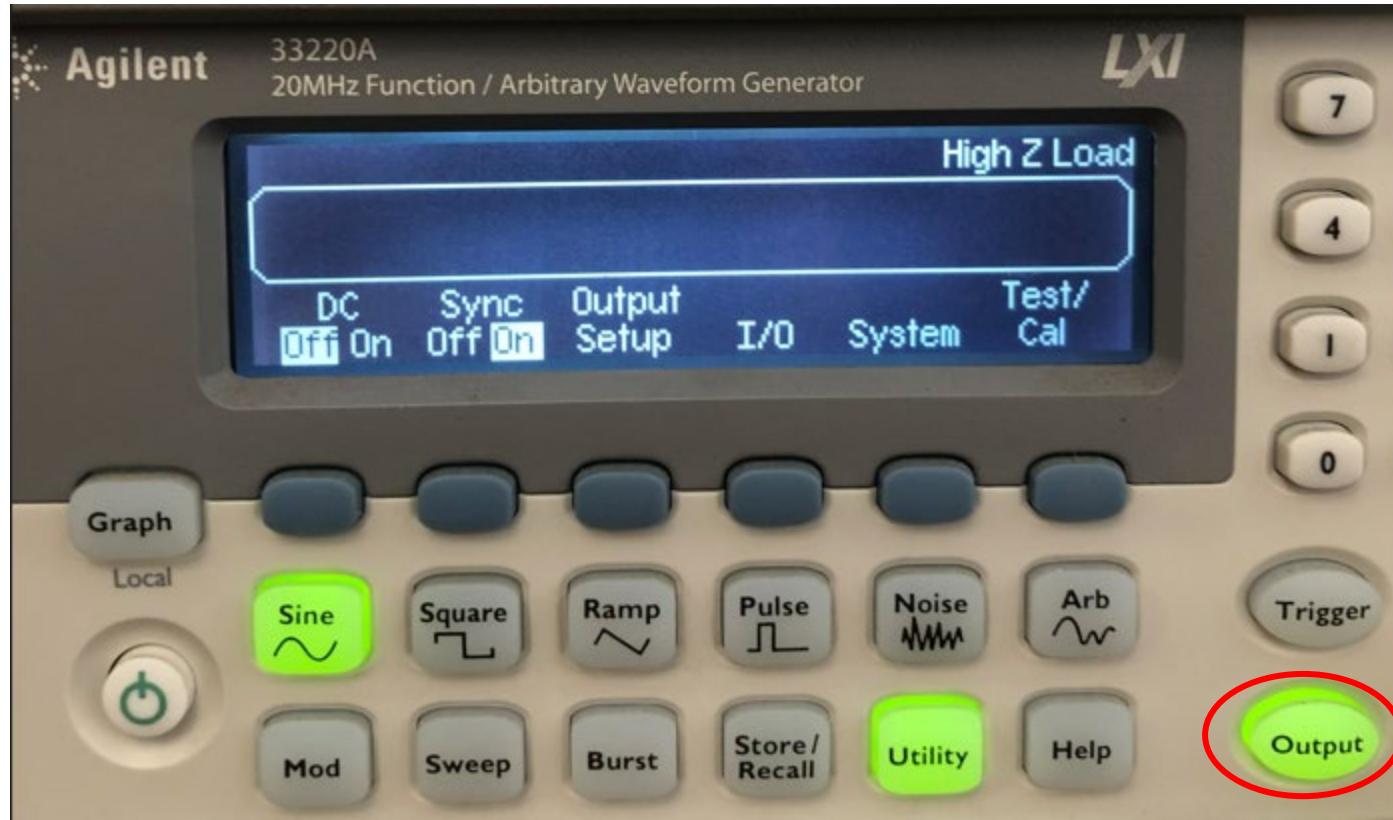
Manual: [https://sjsu.instructure.com/files/78391555/download?download\\_frd=1](https://sjsu.instructure.com/files/78391555/download?download_frd=1)

# 33500B signal generator impedance set up



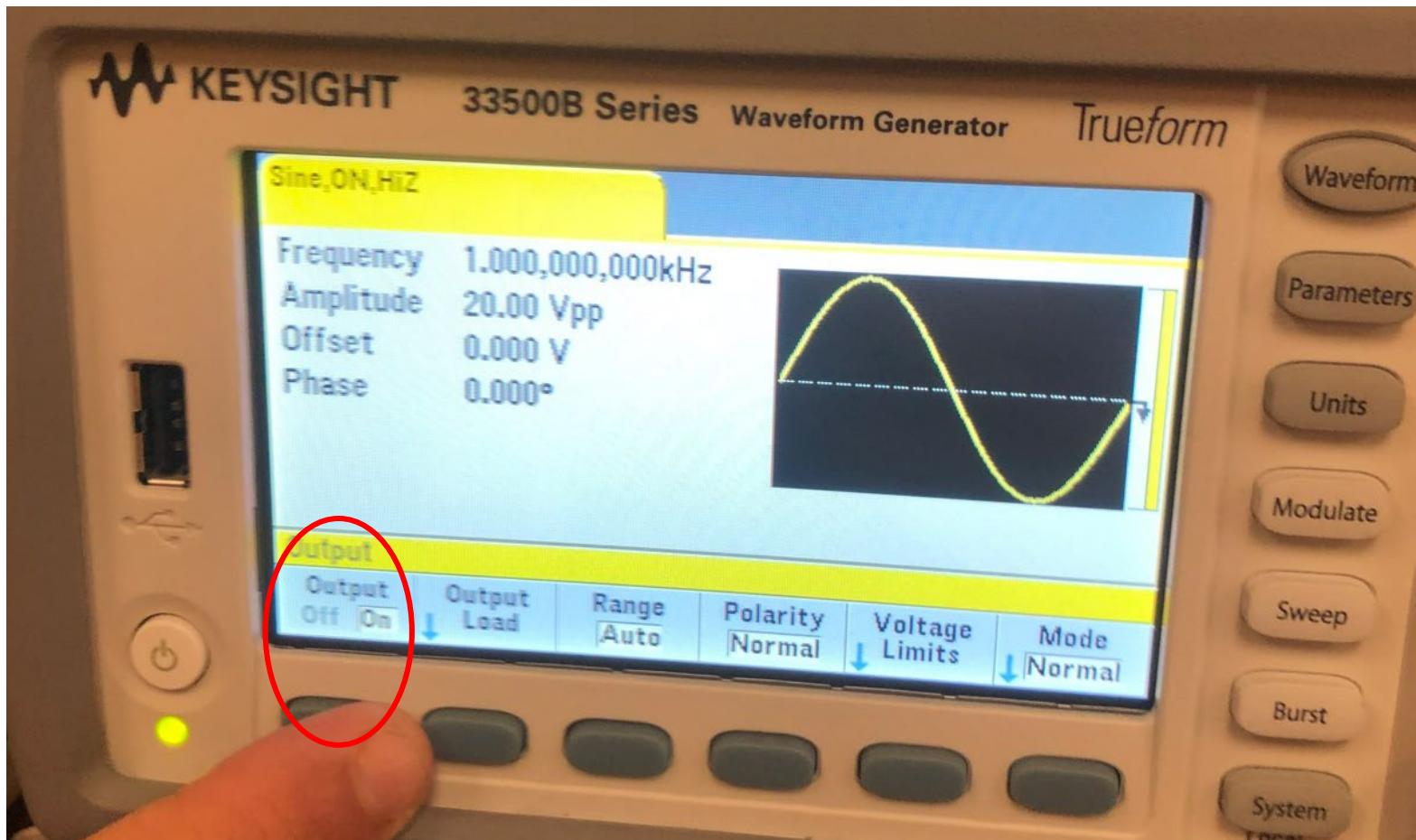
Manual: [https://sjsu.instructure.com/files/78391555/download?download\\_frd=1](https://sjsu.instructure.com/files/78391555/download?download_frd=1)

# 33220A signal generator output enable



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# 33500B signal generator output enable



Manual: [https://sjsu.instructure.com/files/78391555/download?download\\_frd=1](https://sjsu.instructure.com/files/78391555/download?download_frd=1)