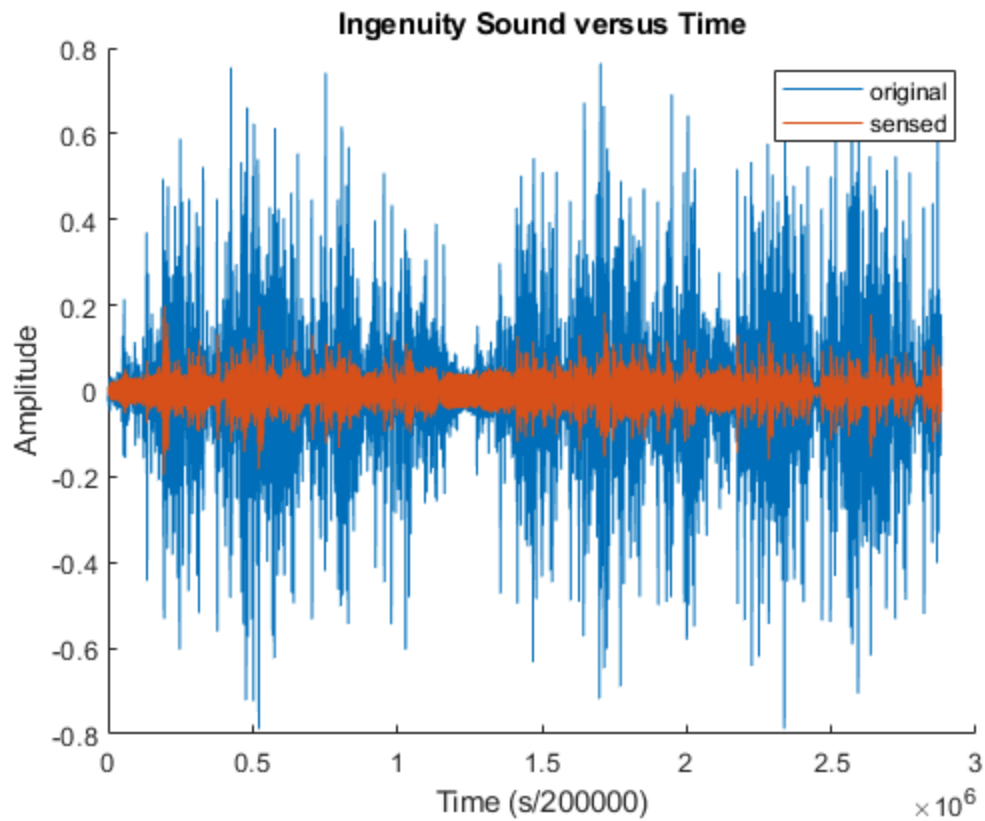


---

```
load("MarsHelicopter_noisy.mat");

%run mySensorCircuit function
sensed = mySensorCircuit(Vsound,1/Fs);

%plot original sound versus edited sound
figure;
hold on;
plot(Vsound);
plot(sensed);
title("Ingenuity Sound versus Time");
xlabel("Time (s/200000)");
ylabel("Amplitude");
legend("original", "sensed");
hold off;
```



```
%original sound
playSound(Vsound, Fs);
%edited sound
playSound(sensed, Fs);
```

*Published with MATLAB® R2021a*