

Spectrogram of Engine Noise

> with(SignalProcessing) : with(AudioTools) :

> s := Read("car3.wav")

```
s := [ 1..262870 x 1..2 Array  
      Data Type: float8  
      Storage: rectangular  
      Order: C_order ]
```

> s2 := Resample(s, 20000)

```
s2 := [ 1..119215 x 1..2 Array  
       Data Type: float8  
       Storage: rectangular  
       Order: C_order ]
```

> Spectrogram(channel = 1, s, view = [0 ..5.8, 0.2 ..10], fftsize = 4096, colorscheme = ["zgradient",
["SteelBlue", "white", "black", red], markers = [0, 0.75, 0.9, 1]], window = HannWindow, axis[2]
= [mode = log], size = [1200, 500], includepowerspectrum)



