Data

**Human Song #5**

[Click here to hear human sound #5](http://docs.google.com/sounds/sp1.AIFF)

**(Alternative Rock) "Disarm" by Smashing Pumpkins**

**x axis**: time (milliseconds) - 7400

**y axis**: frequency (Hz) - 10800.00

**Preferred Frequency:** 1200 Hz and 300 Hz

**Patterns:** Around every 200 ms. there is the repetition of a frequency modulation (high frequency sloping to a lower frequency.) It is most likely the beat of the song.

**Observations**: This song is not very loud at a particular frequency.

**Human Song #6**

[Click here to hear human sound #6](http://docs.google.com/sounds/down.AIFF)

**(Classical) "Swan Lake" by Tchaikovsky**

**x axis:** time (milliseconds) - 3700

**y axis:** frequency (Hz) - 2700.00

**Preferred Frequency:** 100 - 400 Hz

**Observations:** The base frequency maintains its length and frequency (100 to 400 Hz) as the overtone decreases in frequency (descrescendo.) Each segment is approximately 150 ms. long.

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