

Figure 1 shows the frequency spectrum of the output signal for various temperatures. The x-axis represents Frequency [Hz] from 152 to 164. The y-axis represents the frequency spectrum. The legend lists the temperatures: 30.9°C, 32.3°C, 34.4°C, 36.3°C, 38.8°C, 41.4°C, 44.3°C, 47.2°C, 50.1°C, 53.1°C, 55.7°C, and 59.3°C. The curves show a peak around 159.5 Hz, with the peak height increasing as temperature increases.

