

Figure 1 – Prior Art

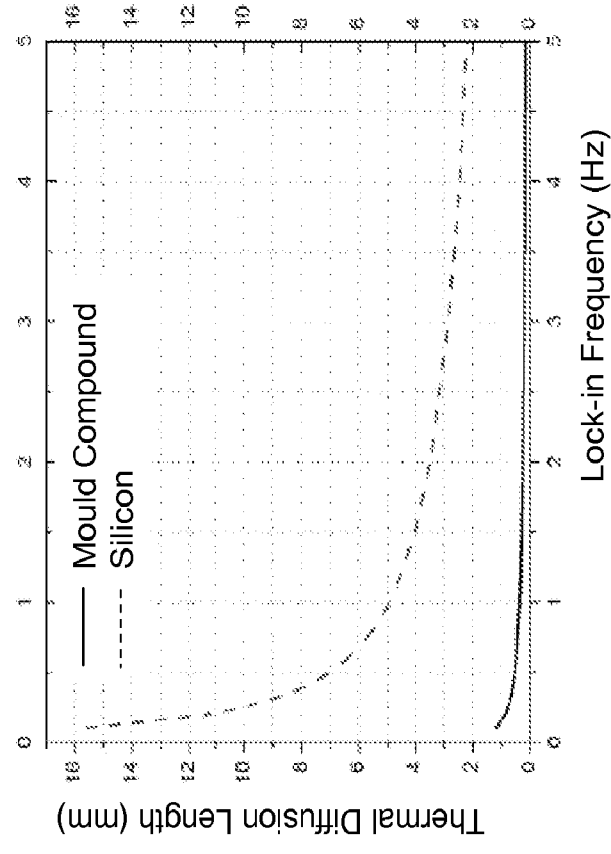


Figure 2

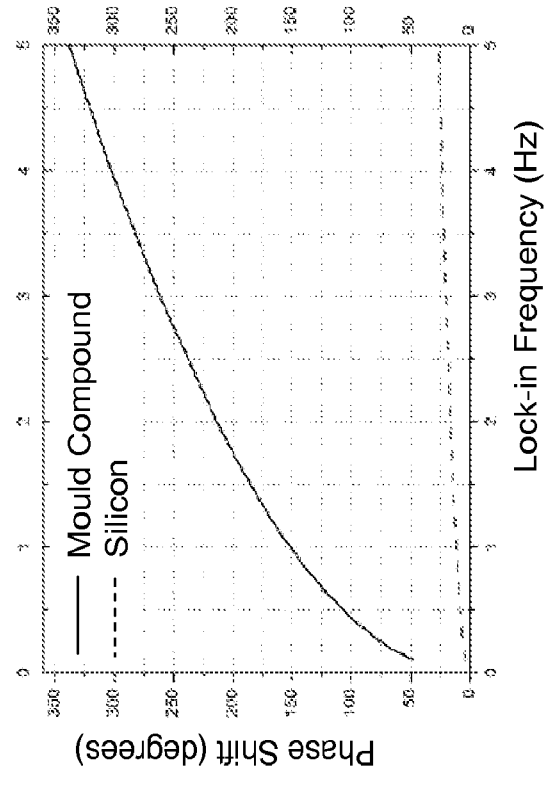


Figure 3

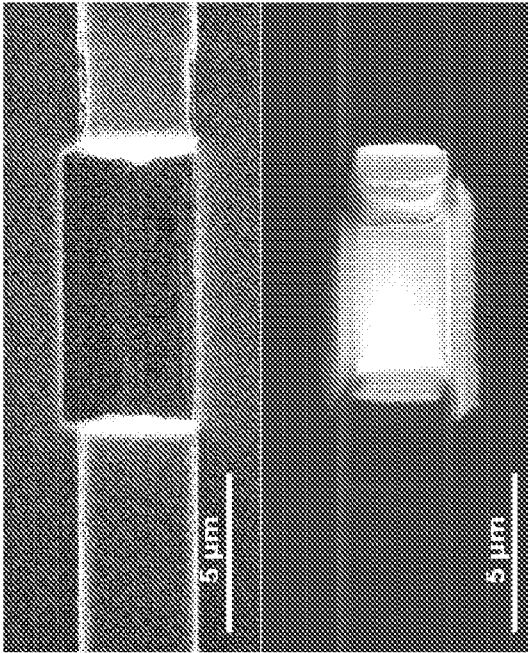


Figure 5

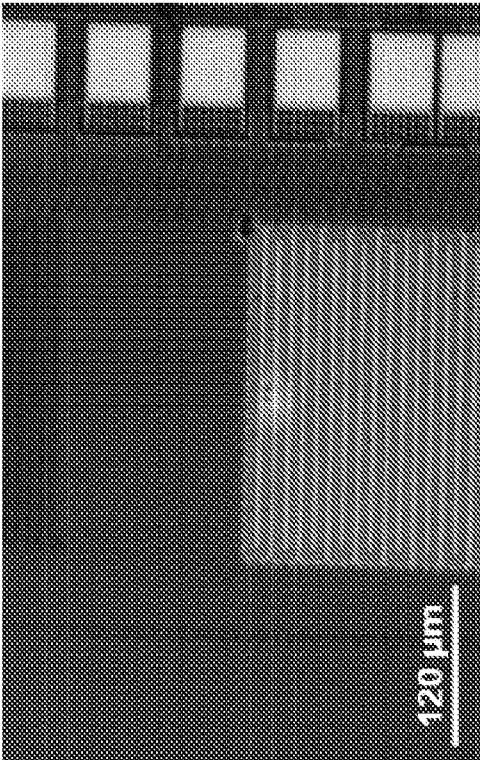


Figure 6

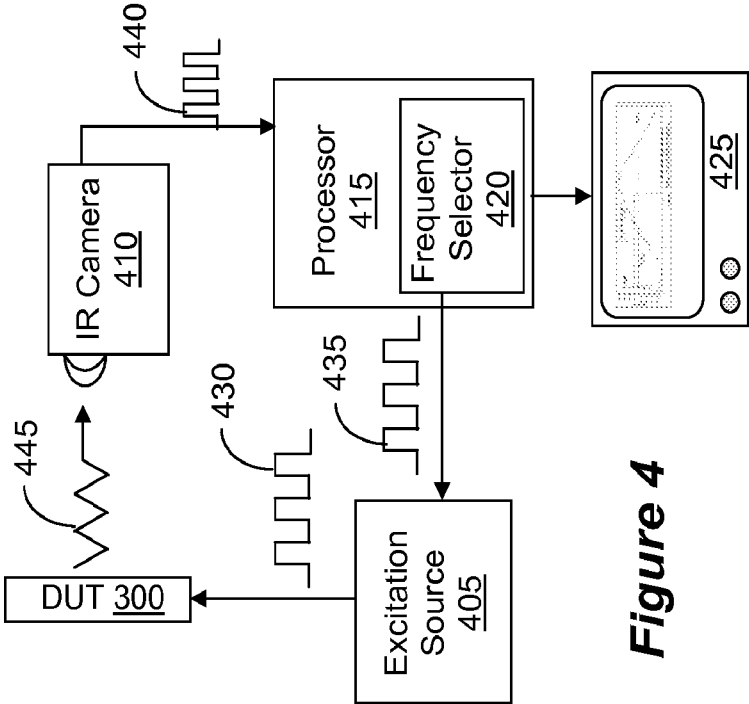


Figure 4

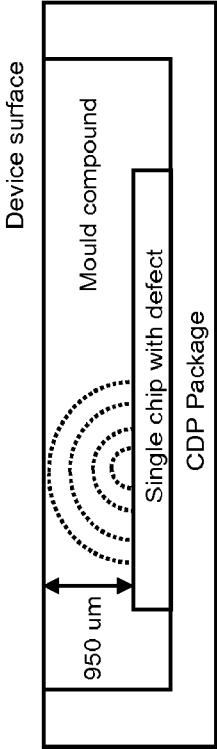


Figure 7

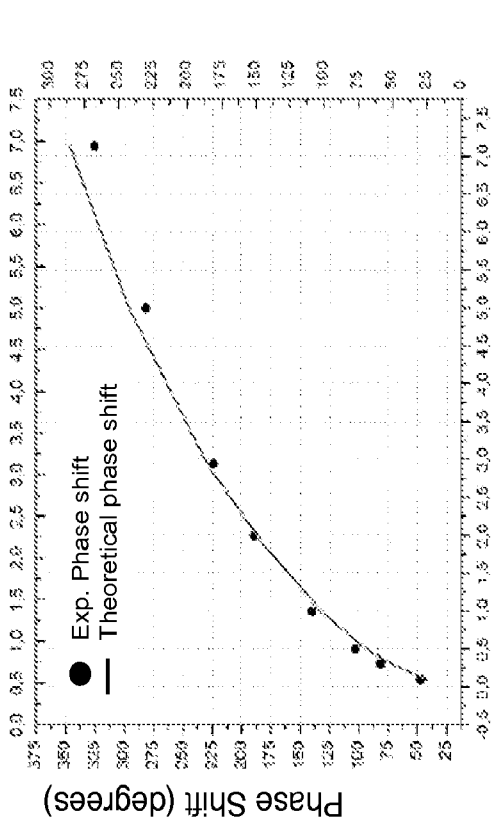


Figure 8
Lock-in Frequency (Hz)

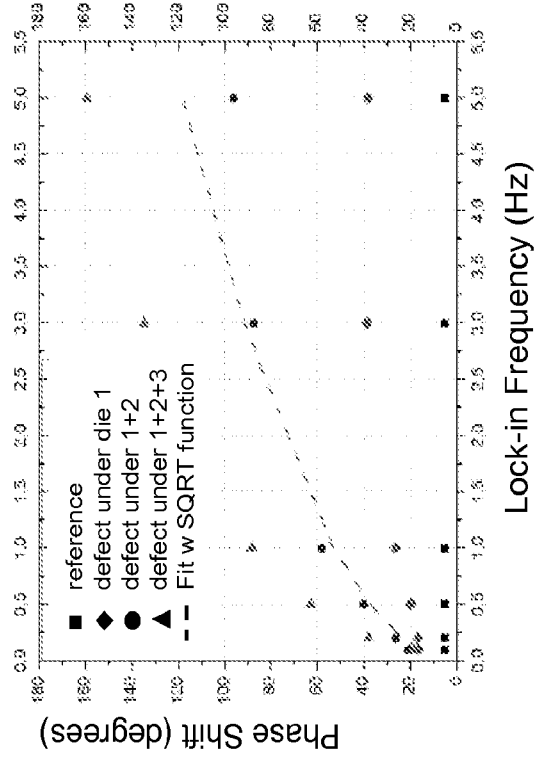


Figure 10
Lock-in Frequency (Hz)

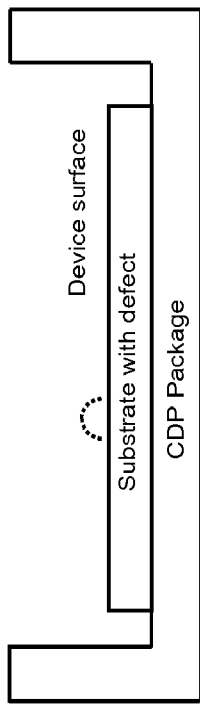


Figure 9A

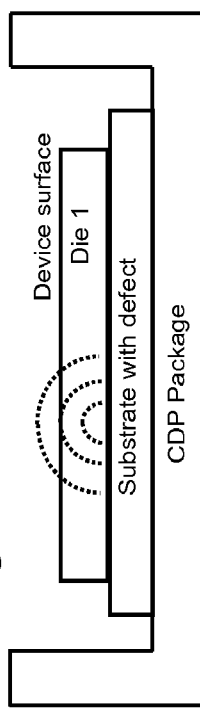


Figure 9B



Figure 9C

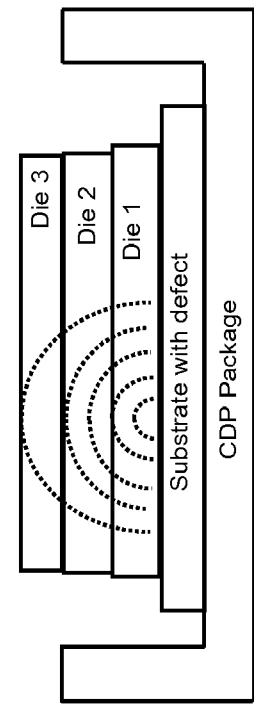


Figure 9D

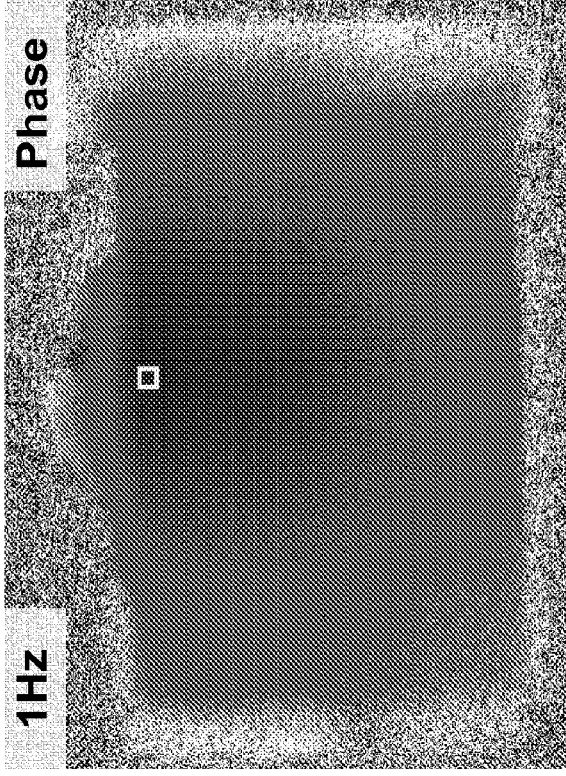
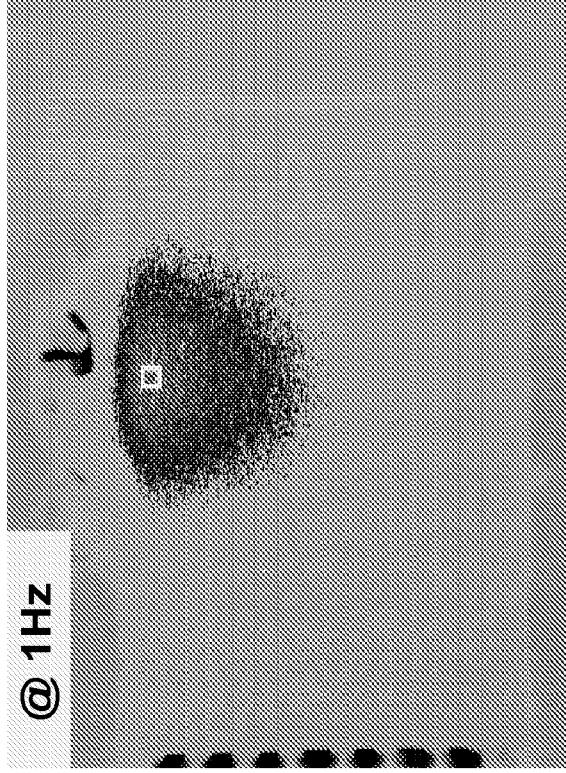


Figure 11A (Amplitude)

Figure 11B (Phase)

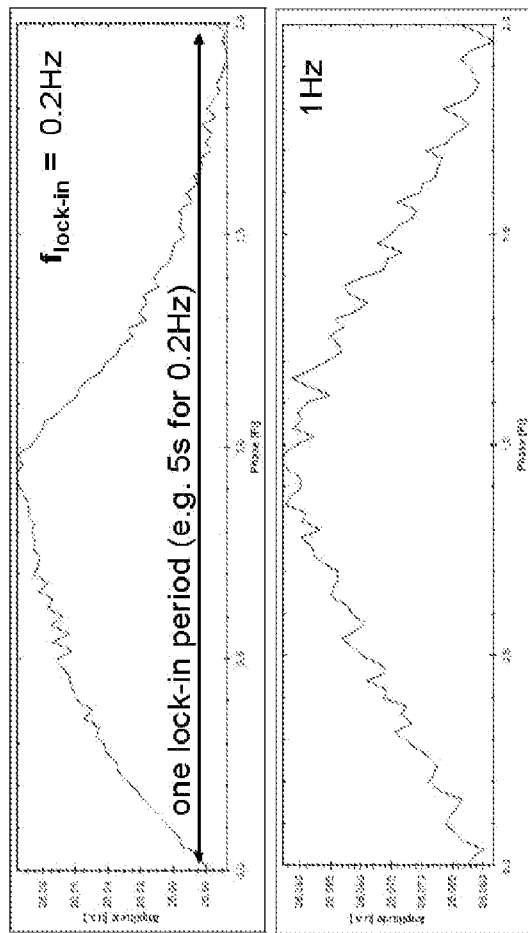


FIGURE 12

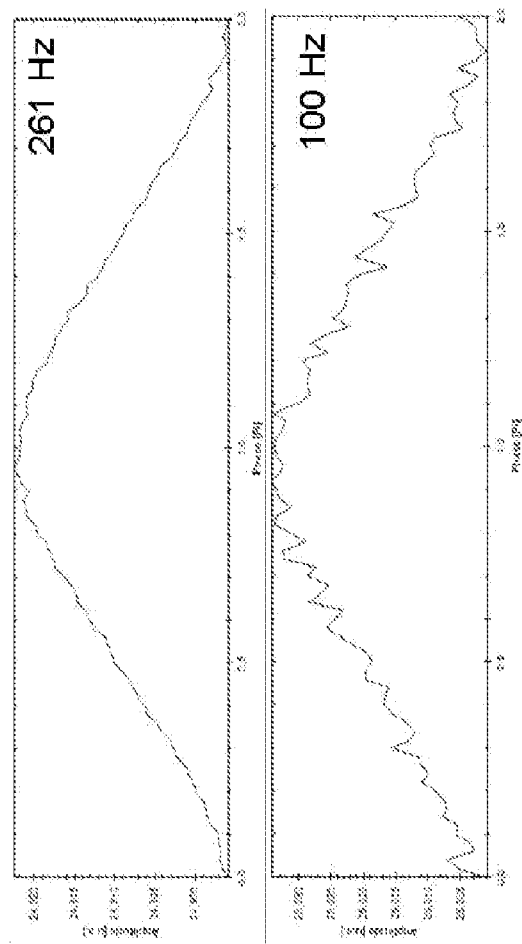


FIGURE 13

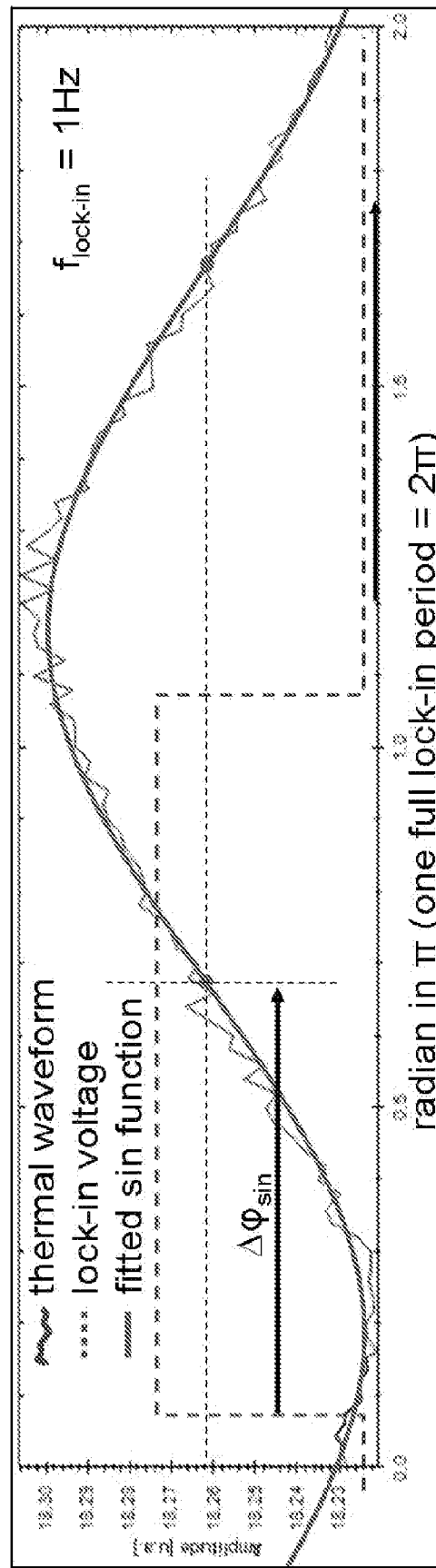


FIGURE 14

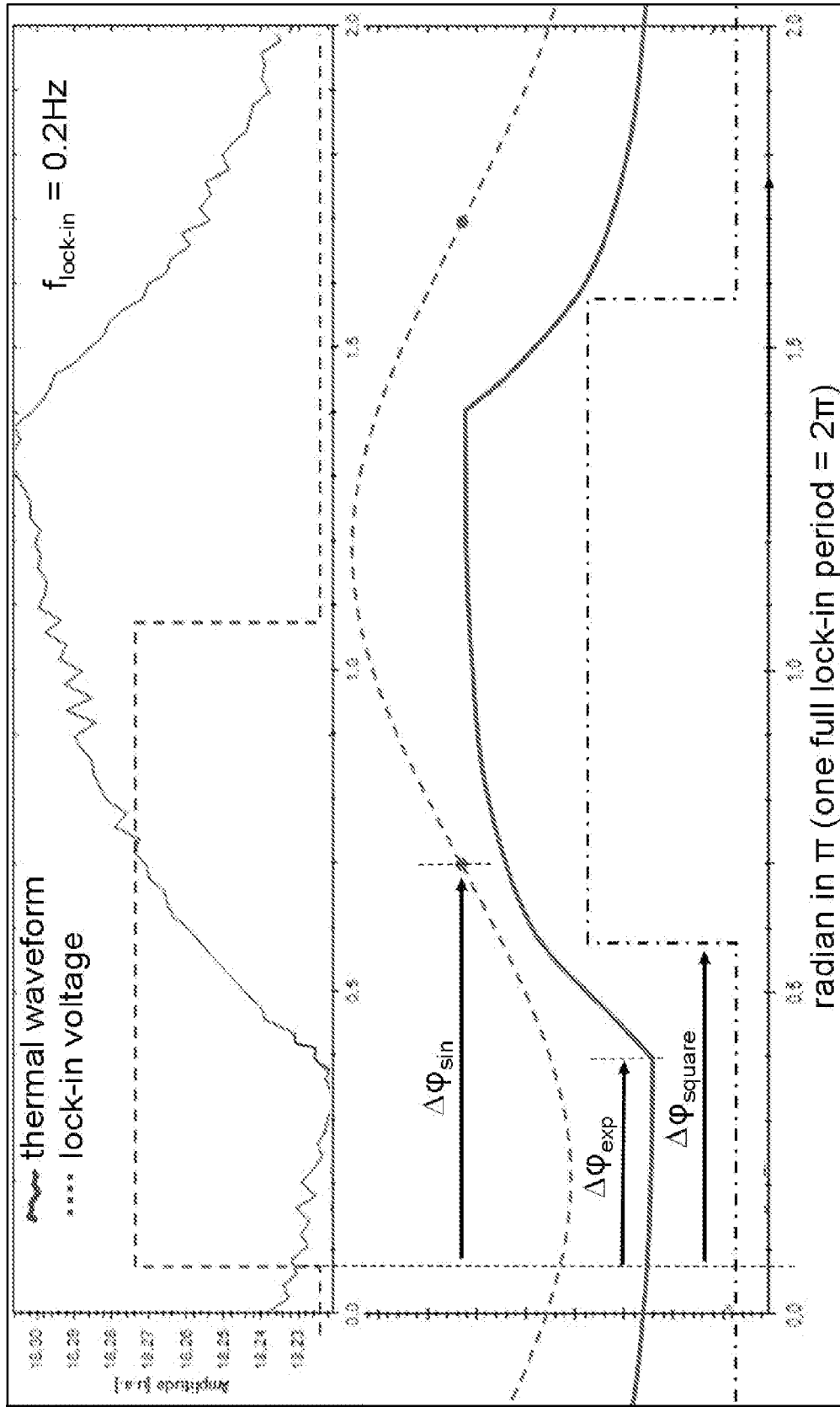


FIGURE 15