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Energy Management study

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Version: 1.0

**Figure 1:**

The total energy used by the system is plotted in the plot above. The total power curve is plotted during full simulation in the middle. The step size used to discretely measure the power and energy usage is plotted in the plot below.

**Figure 2:**

The time spent in

**Figure 3:**

Figure 3 shows a block diagram in which all 5 stages are separated. These stages include: Deep sleep mode, Wake up, Measurement, Processing and Transmission. Per stage, the relative time spent is plotted and the relative energy usage per stage is plotted.

**Figure 4:**

Figure 4 shows a block diagram in which all 5 stages are separated. These stages include: Deep sleep mode, Wake up, Measurement, Processing and Transmission. Per stage, the total time spent is plotted and the total energy usage per stage is plotted.

**Figure 5:**

Figure 4 shows a block diagram in which all selected components are separated. Per component/sensor, the total energy usage per stage is plotted and maximum power is plotted.

**Figure 6:**

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