## 1.3.1: Resistance Variations (20 points total)

1. 2.2KΩ resistors:
   1. Attach to this worksheet a table providing your measured resistances (3 pts)
   2. Provide below the mean and median values, and the standard deviation of your resistance values. (2 pts)
   3. Provide below the mean, median, and standard deviation as percentages of the nominal resistance. (2 pts)
   4. Are the estimated variations within the manufacturer’s tolerances? Explain. (3 pts)
2. 47KΩ resistors:
   1. Attach to this worksheet a table providing your measured resistances (3 pts)
   2. Provide below the mean and median values, and the standard deviation of your resistance values. (2 pts)
   3. Provide below the mean, median, and standard deviation as percentages of the nominal resistance. (2 pts)
   4. Are the estimated variations within the manufacturer’s tolerances? Explain. (3 pts)