Validation of Matrix Heating Uniformity in UAVOS Composite Curing Oven

Program:

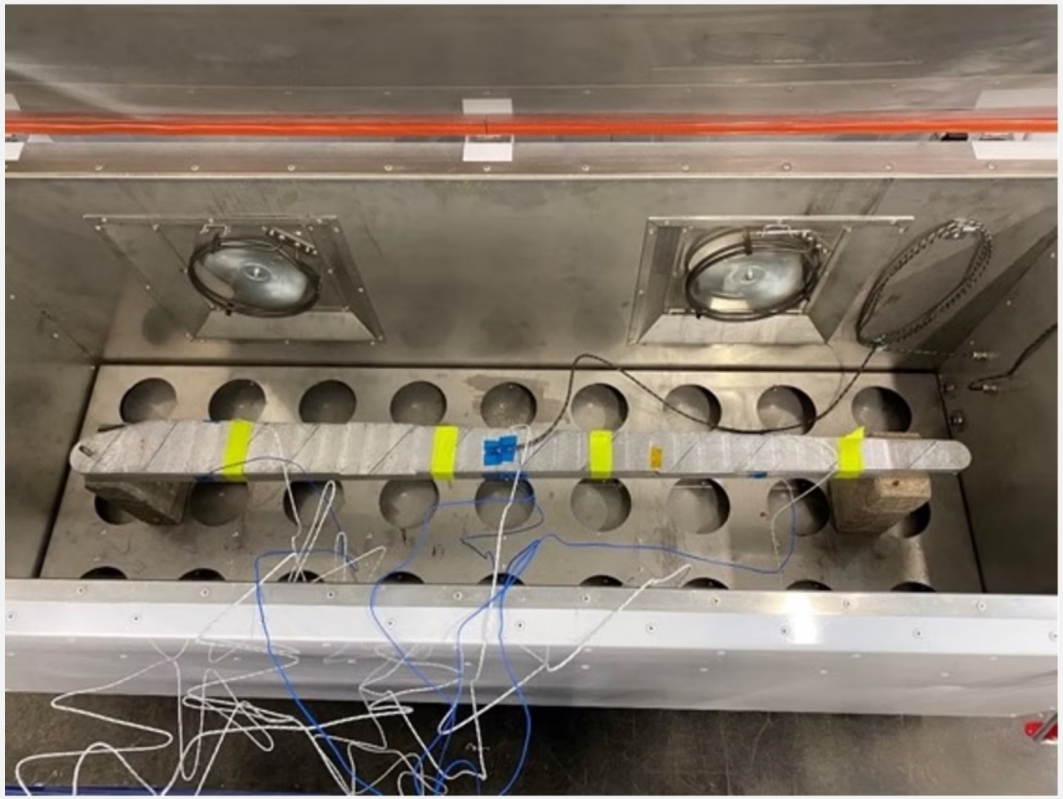
Standard

Set Temperature:

100 C°

Set Time:

300 minutes

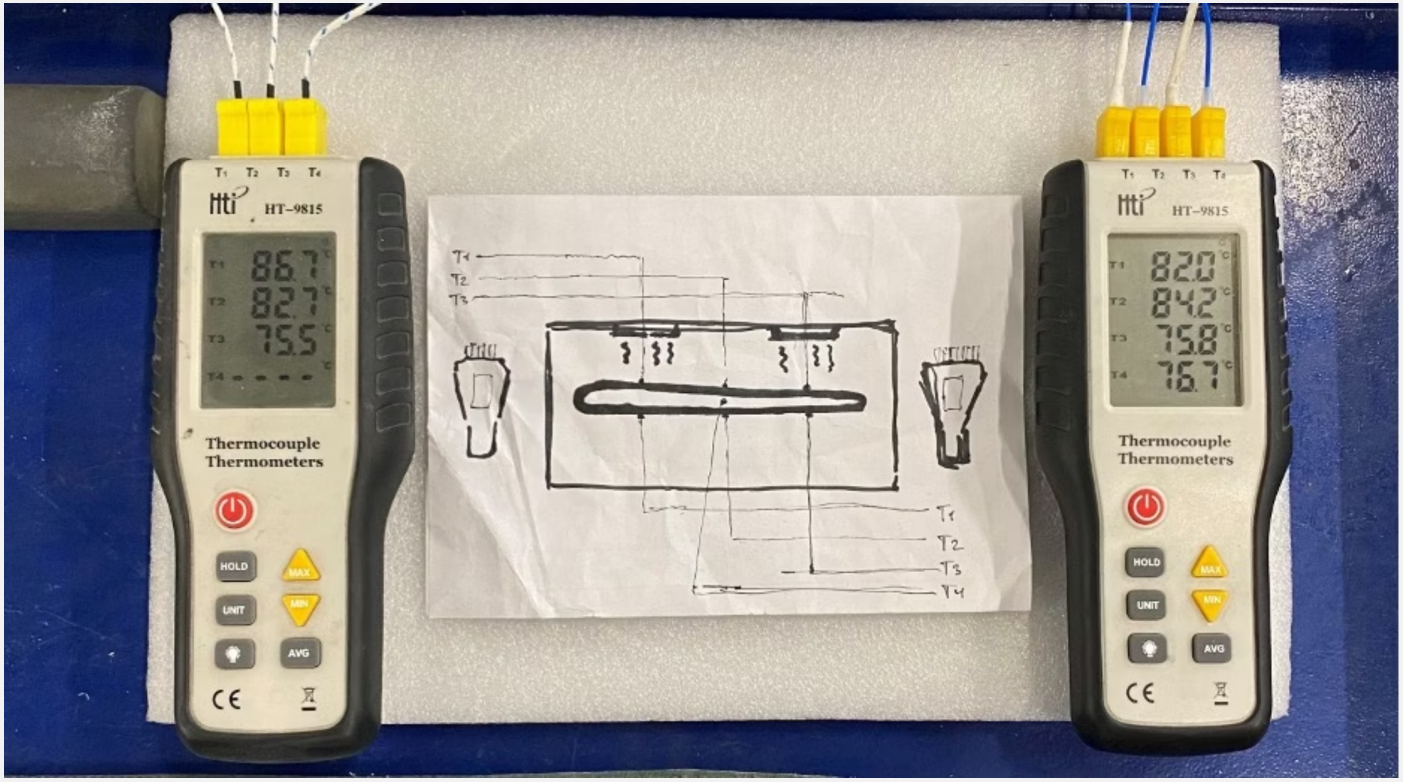


Matrix placement in chamber:

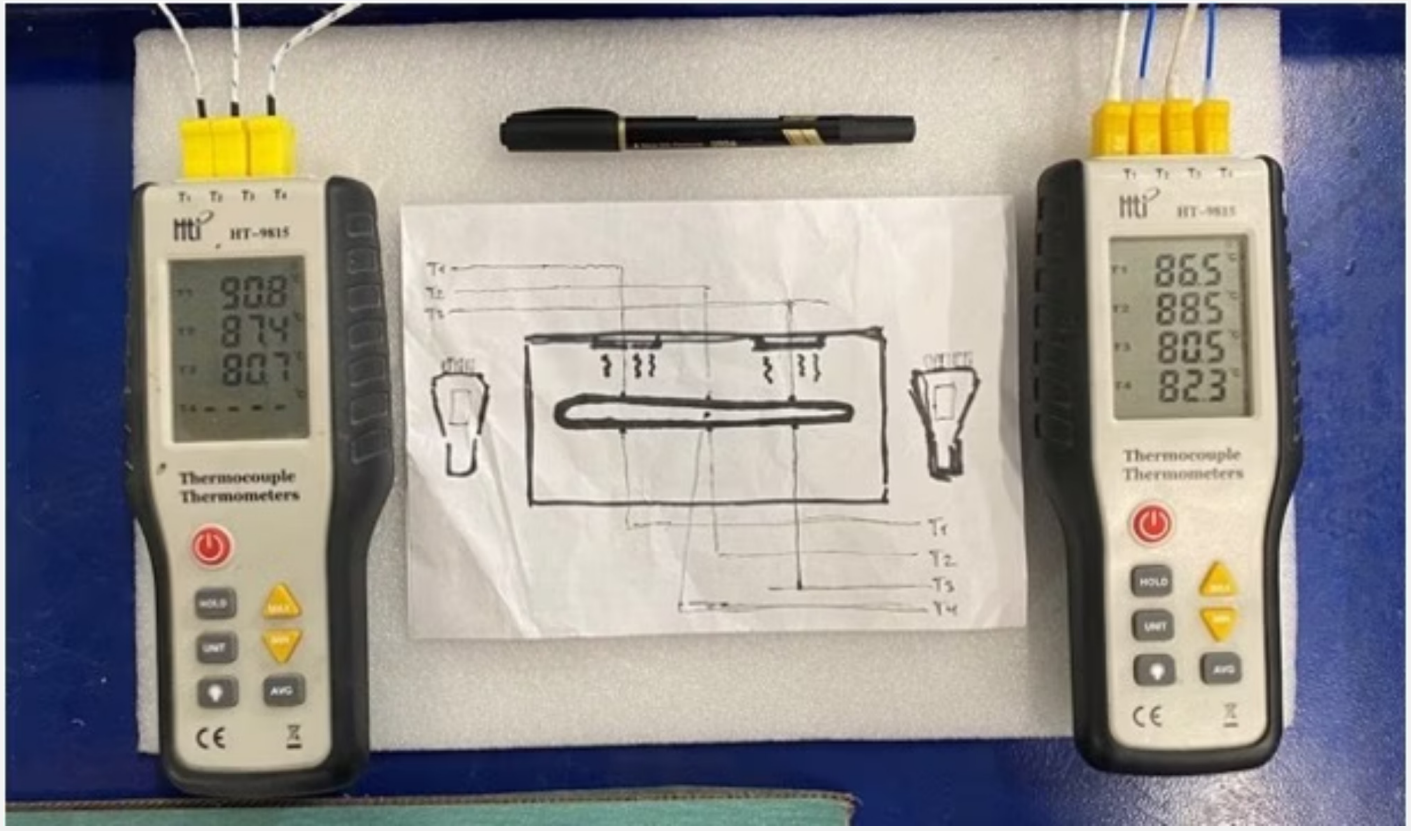
centered at heater level

Temperature measurement intervals

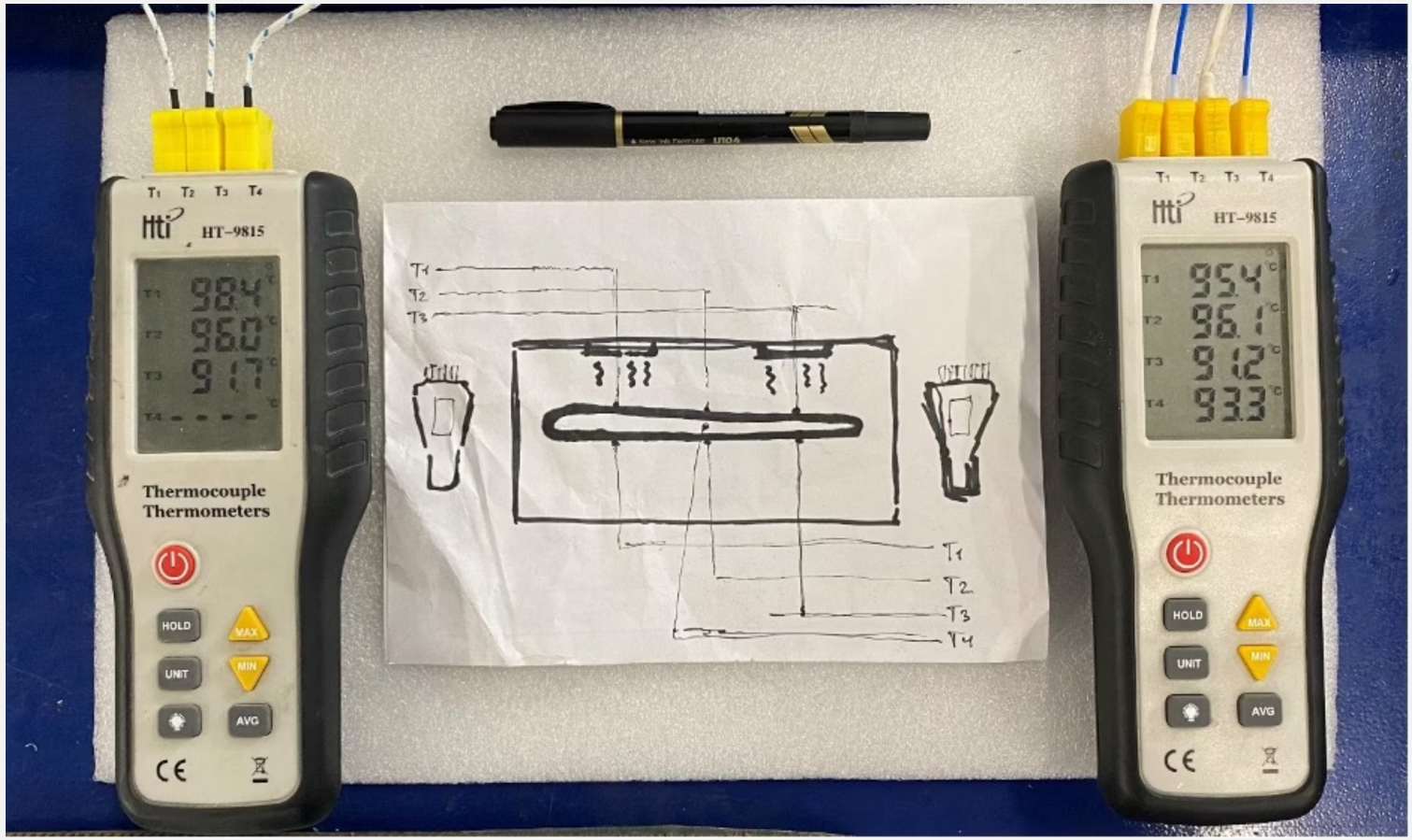
Temperature sensor readings after 20 minutes



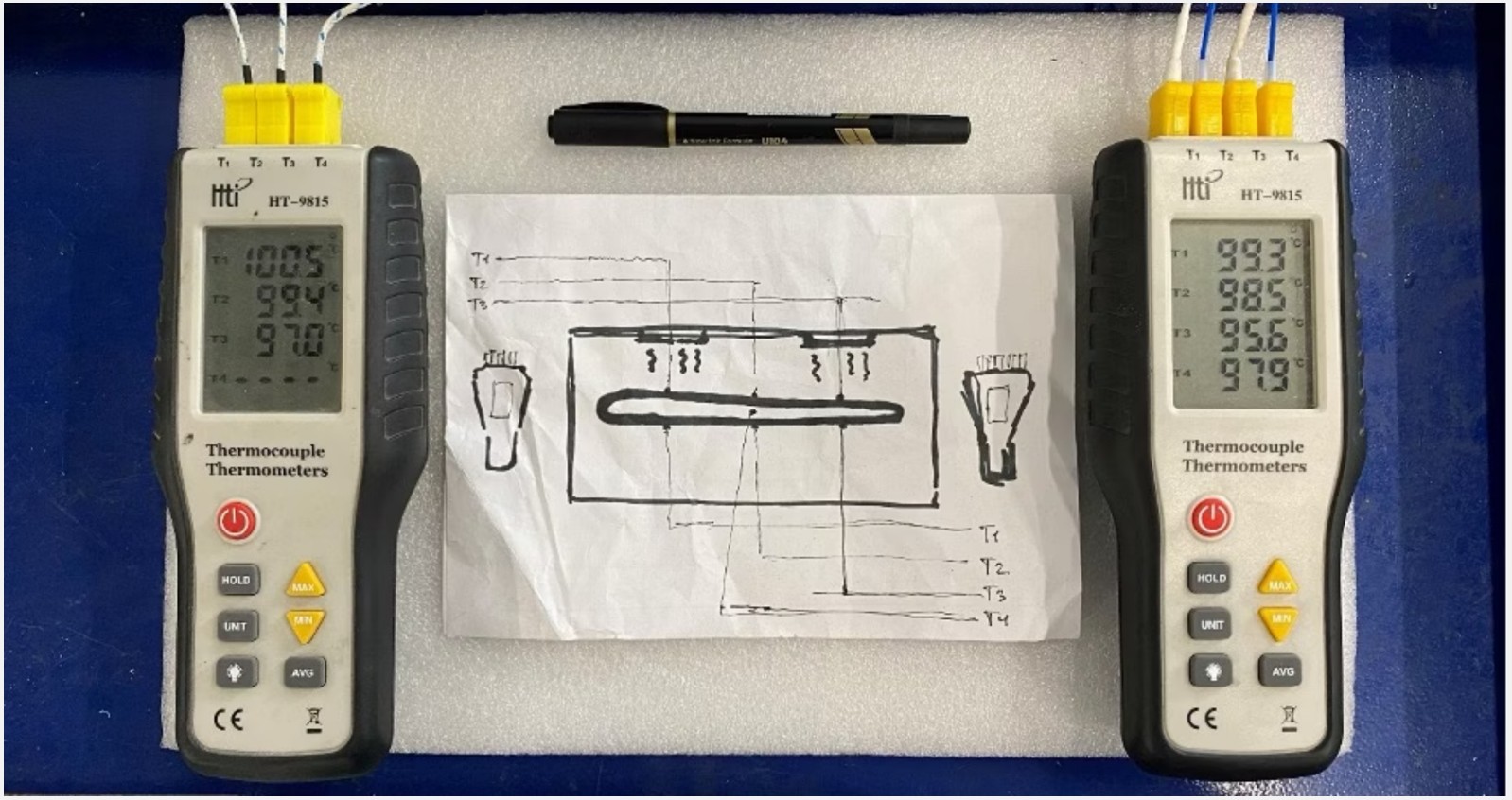
Temperature sensor readings after 30 minutes



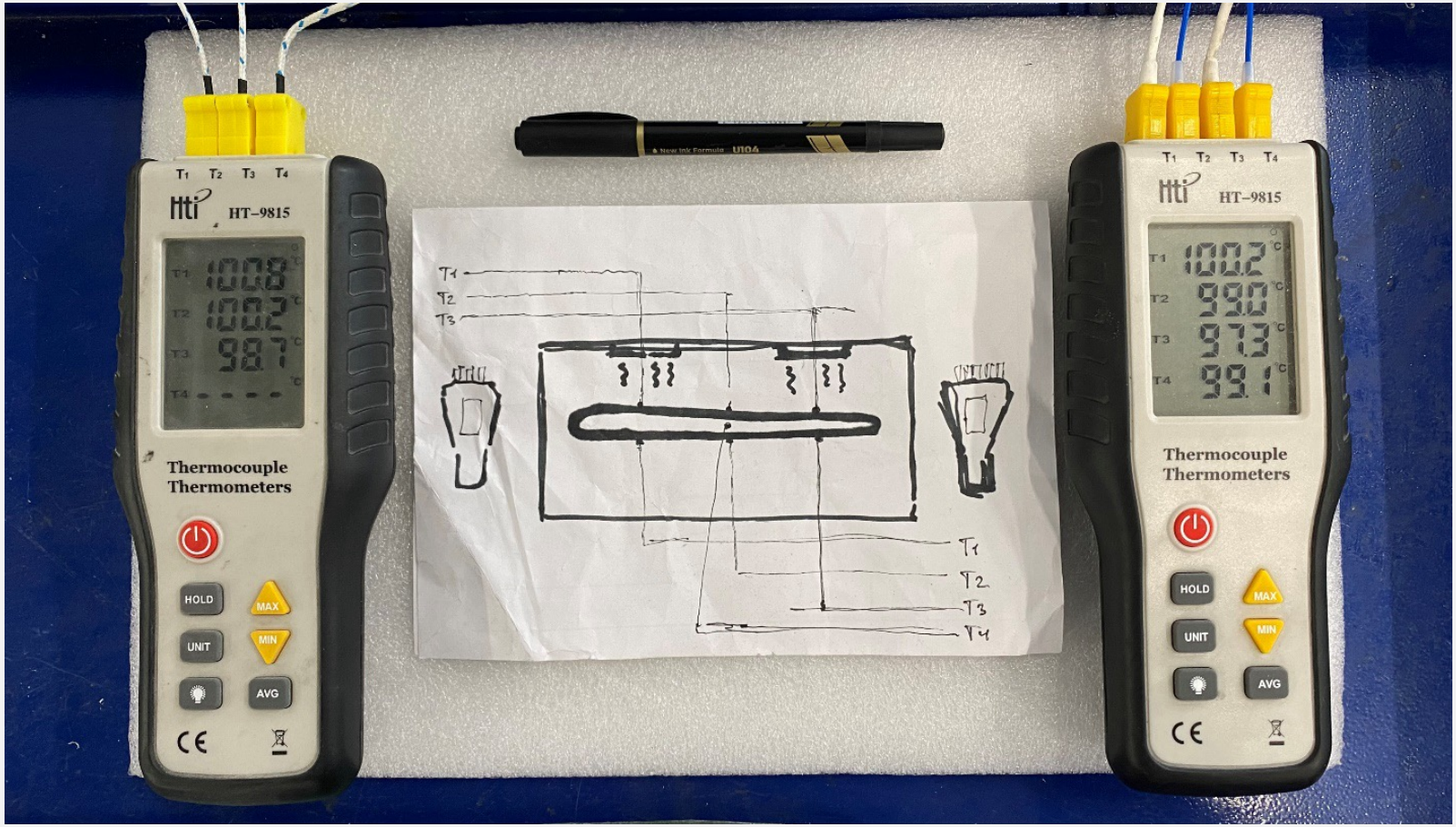
Temperature sensor readings after 40 minutes



Temperature sensor readings after 60 minutes



Temperature sensor readings 90 minutes



Results: Uniform heating was confirmed across all seven measurement points, demonstrating the oven's high precision and reliability in composite curing.

UAVOS