Waveform Data File Information Sheet

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| Filename | 1. 1\_rog3\_tamb\_40\_-5\_s.txt 2. 1\_rog4\_tamb\_40\_-5\_s.txt 3. 2\_rog1\_-5\_40\_s.txt 4. 2\_rog2\_-5\_40\_s.txt |
| Test description | 1. 2-wire resistance measurements of Rogowski coils vs temperature. 2. Two HP 3458a work in series and acquire 100 samples. 3. Rogowski coils are inside a climatic chamber. 4. For data:    1. 1\_rog3\_tamb\_40\_-5\_s.txt;    2. 1\_rog4\_tamb\_40\_-5\_s.txt.   The test starts at room temperature. Then the temperature is increased up to 40 °C and finally the temperature brought to -5 °C.  For data:   * 1. 2\_rog1\_-5\_40\_s.txt;   2. 2\_rog2\_-5\_40\_s.txt.   The test starts at 40 °C then the temperature is lowered to -5 °C.   1. For data:    1. 1\_rog3\_tamb\_40\_-5\_s.txt, after the timestamp 17-2023 18:36:41, the temperature begins to drop from 40 °C;    2. 1\_rog4\_tamb\_40\_-5\_s.txt, after the timestamp 17-2023 18:37:48, the temperature begins to drop from 40 °C.    3. 2\_rog2\_-5\_40\_s.txt, after the timestamp 18-2023 05:31:50, the temperature begins to rise from -5 °C.    4. 2\_rog1\_-5\_40\_s.txt, after the timestamp 18-2023 05:32:57, the temperature begins to rise from -5 °C. |
| Number of columns of data | 3, in the following format:   1. timestamp; 2. mean of 100 samples [Ω]; 3. standard deviation of 100 samples [Ω]. |
| Sensors | 1. Rog1: Y-FCT-350 (Meatrol electrical) 2. Rog2: Flex-RMG120 (Circutor) 3. Rog3: FLEXIV250.100.AC01.2MS (CIE electronics 4. Rog4: MFC190 (Algodue elettronica) |