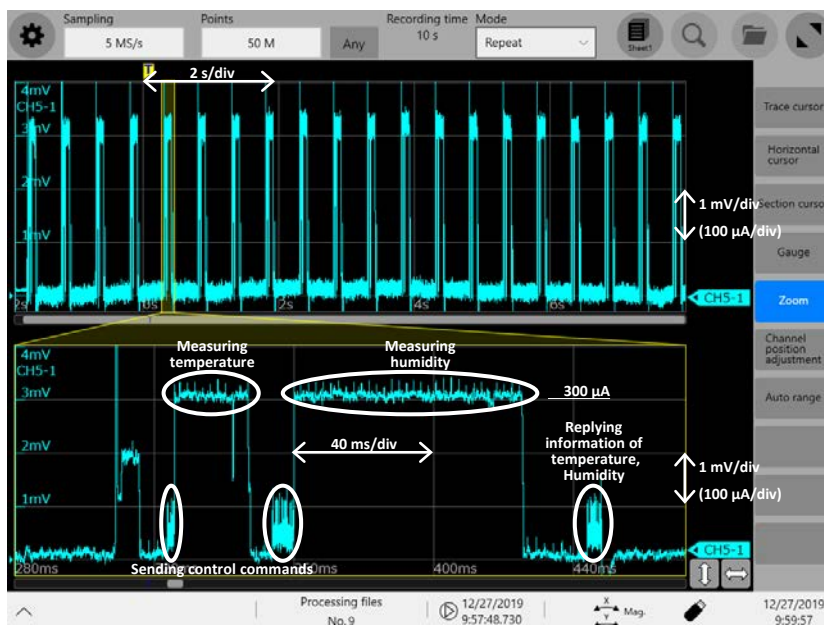


Wearable devices, IoT devices, Sensors / R&D, Testing

## Current Consumption Measurement for Low Energy Devices

Analyzes miniscule current waveforms of low power devices with 100  $\mu\text{A}$  resolution.

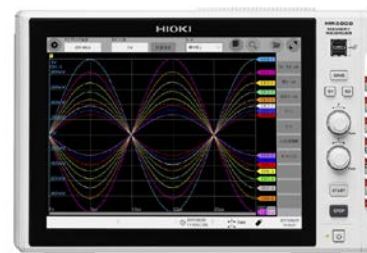
- When developing devices that operate for a long time with batteries, it is necessary to measure current consumption in various mode such as active, standby and communication.
- Current probe CT6710 and CT6711 have a high current detection sensitivity of up to 10 V/A (conversion ratio 100  $\mu\text{A}$  = 1 mV). Therefore, this probe can detect 100 micro ampere current waveform.
- By combining the Memory HiCorder MR6000 with the 4 ch Analog unit U8978, the current consumption can be record for a long time with high resolution. In addition, it equips with comfortable usability using a touch panel and abundant calculation and analysis functions, making it the ideal recorder for power-saving equipment development.
- The power supply for the CT6710 and CT6711 are supplied from the optional power supply unit Z5021 of the MR6000, contributing to your comfortable measurement.



Current waveform of temperature and humidity sensor



CT6710, CT6711



MR6000

### Products used

- CURRENT PROBE: CT6710, CT6711 (100  $\mu\text{A}$  res., DC to 50 MHz, 120 MHz)
- MEMORY HiCORDER: MR6000
- ※Main unit cannot operate alone. You must install one or more optional input models in the unit.
- SSD UNIT: U8332
- 4ch ANALOG UNIT: U8978 (DC to 2 MHz)
- PROBE POWER UNIT: Z5021

All information correct as of February, 2020. All specifications are subject to change without notice.