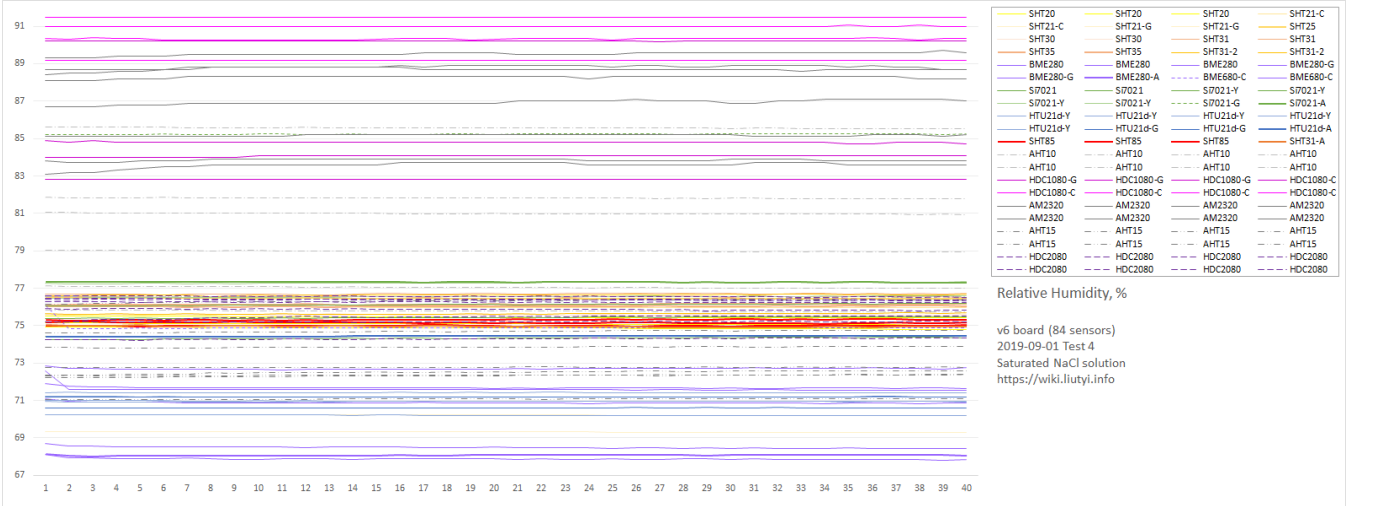


Test 4 v6 Saturated NaCl solution

v6 board (unstable) in the plastic box with a saturated NaCl solution for 10 hours before measurements execution. Expected RH is 75.2%

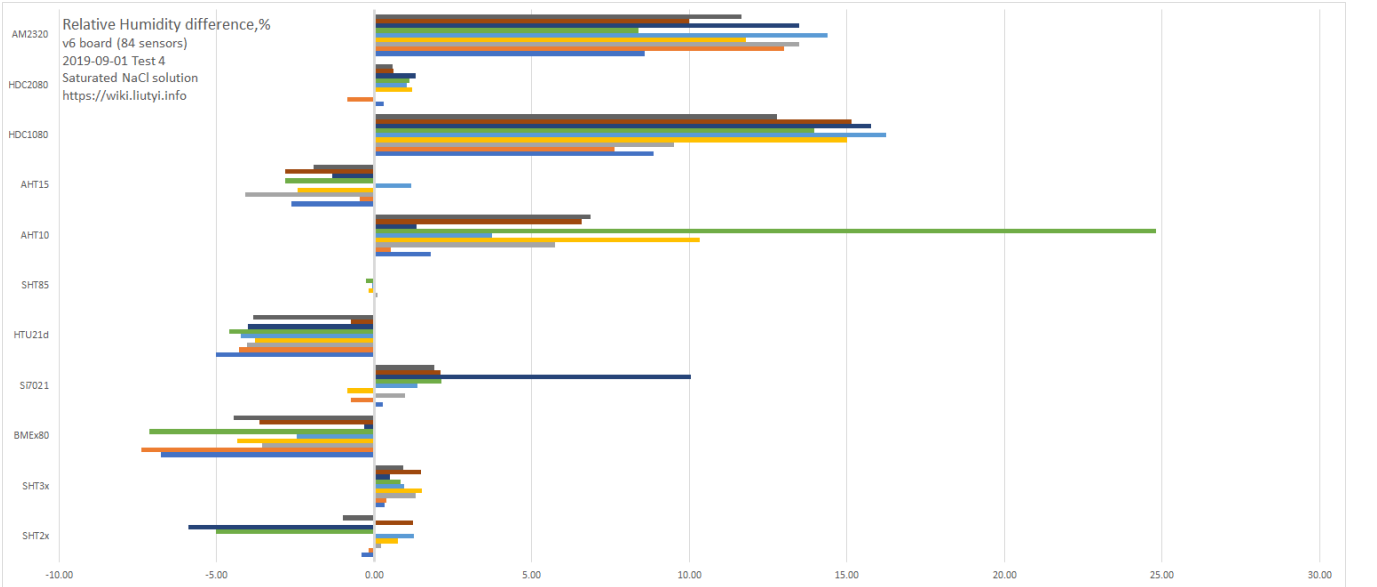
Humidity

v6t4\_h.CSV



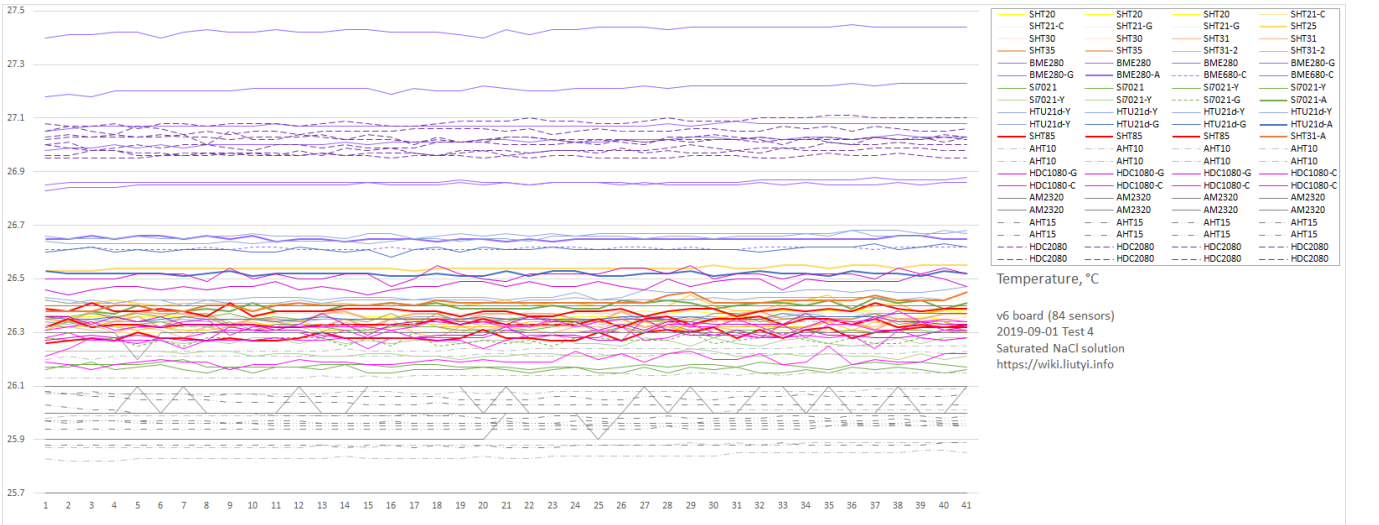
| SHT2x   | rh, % | SHT3x   | rh, % | BMEx80   | rh, % | SI7021   | rh, % | HTU21    | rh, % | SHT85   | rh, % | AHT10 | rh, % | AHT15 | rh, % | HDC1080   | rh, % |
|---------|-------|---------|-------|----------|-------|----------|-------|----------|-------|---------|-------|-------|-------|-------|-------|-----------|-------|
| SHT20   | 74.79 | SHT30   | 75.54 | BME280   | 68.44 | SI7021   | 75.47 | HTU21d-Y | 70.17 |         |       | AHT10 | 76.99 | AHT15 | 72.58 | HDC1080-G | 84.06 |
| SHT20   | 75.03 | SHT30   | 75.59 | BME280   | 67.83 | SI7021   | 74.47 | HTU21d-Y | 70.93 |         |       | AHT10 | 75.73 | AHT15 | 74.75 | HDC1080-G | 82.83 |
| SHT20   | 75.42 | SHT31   | 76.51 | BME280   | 71.64 | SI7021-Y | 76.17 | HTU21d-Y | 71.18 | SHT85   | 75.31 | AHT10 | 80.94 | AHT15 | 71.11 | HDC1080-G | 84.72 |
| SHT21-C | 75.95 | SHT31   | 76.71 | BME280-G | 70.85 | SI7021-Y | 74.36 | HTU21d-Y | 71.42 | SHT85   | 75.02 | AHT10 | 85.53 | AHT15 | 72.78 | HDC1080-C | 90.21 |
| SHT21-C | 76.46 | SHT35   | 76.16 | BME280-G | 72.75 | SI7021-Y | 76.58 | HTU21d-Y | 70.96 | SHT85   | 75.15 | AHT10 | 78.95 | AHT15 | 76.38 | HDC1080-C | 91.46 |
| SHT21-G | 70.19 | SHT35   | 76.05 | BME280-A | 68.06 | SI7021-Y | 77.34 | HTU21d-G | 70.61 | SHT31-A | 74.94 | AHT10 | 100   | AHT15 | 72.38 | HDC1080-C | 89.17 |
| SHT21-G | 69.31 | SHT31-2 | 75.7  | BME680-C | 74.88 | SI7021-G | 85.24 | HTU21d-G | 71.2  |         |       | AHT10 | 76.54 | AHT15 | 73.87 | HDC1080-C | 90.96 |
| SHT25   | 76.44 | SHT31-2 | 76.69 | BME680-C | 71.55 | SI7021-A | 77.3  | HTU21d-A | 74.46 |         |       | AHT10 | 81.79 | AHT15 | 72.38 | HDC1080-C | 90.36 |
| Average | 74.20 |         | 76.12 |          | 70.75 |          | 77.12 |          | 71.37 |         | 75.16 |       | 82.06 |       | 73.28 |           | 87.97 |

-A Adafruit modules, SHT85 - Senserion Modules, -C - CJMCU modules, -G,Y - GY-xx, (other are some Chinese Noname modules)



Temperature

v6t4\_t.csv



| SHT2x   | t° C  | SHT3x   | t° C  | BMEx80   | t° C  | SI7021   | t° C  | HTU21    | t° C  | SHT85   | t° C  | AHT10 | t° C  | AHT15 | t° C  | HDC1080   | t° C  | HDC2   |
|---------|-------|---------|-------|----------|-------|----------|-------|----------|-------|---------|-------|-------|-------|-------|-------|-----------|-------|--------|
| SHT20   | 26.36 | SHT30   | 26.39 | BME280   | 27.03 | SI7021   | 26.16 | HTU21d   | 26.67 |         |       | AHT10 | 25.85 | AHT15 | 25.99 | HDC1080-G | 26.33 | HDC208 |
| SHT20   | 26.37 | SHT30   | 26.38 | BME280   | 27.23 | SI7021   | 26.17 | HTU21d   | 26.47 |         |       | AHT10 | 26.01 | AHT15 | 25.95 | HDC1080-G | 26.52 | HDC208 |
| SHT20   | 26.38 | SHT31   | 26.3  | BME280   | 27.44 | SI7021-2 | 26.34 | HTU21d   | 26.37 | SHT85   | 26.39 | AHT10 | 26.34 | AHT15 | 25.97 | HDC1080-G | 26.47 | HDC208 |
| SHT21-C | 26.31 | SHT31   | 26.33 | BME280-2 | 27.08 | SI7021-2 | 26.31 | HTU21d   | 26.68 | SHT85   | 26.33 | AHT10 | 25.89 | AHT15 | 25.89 | HDC1080-C | 26.32 | HDC208 |
| SHT21-C | 26.43 | SHT35   | 26.37 | BME280-2 | 26.86 | SI7021-2 | 26.21 | HTU21d   | 26.45 | SHT85   | 26.32 | AHT10 | 26.15 | AHT15 | 26.03 | HDC1080-C | 26.22 | HDC208 |
| SHT21-G | 26.42 | SHT35   | 26.3  | BME280-A | 26.65 | SI7021-2 | 26.28 | HTU21d-2 | 26.62 | SHT31-A | 26.45 | AHT10 | 26.23 | AHT15 | 26.07 | HDC1080-C | 26.31 | HDC208 |
| SHT21-G | 26.36 | SHT31-2 | 26.32 | BME680   | 26.62 | SI7021-3 | 26.28 | HTU21d-2 | 26.37 |         |       | AHT10 | 26.25 | AHT15 | 25.96 | HDC1080-C | 26.34 | HDC208 |
| SHT25   | 26.55 | SHT31-2 | 26.41 | BME680   | 26.88 | SI7021-A | 26.41 | HTU21d-A | 26.52 |         |       | AHT10 | 26.09 | AHT15 | 25.95 | HDC1080-C | 26.28 | HDC208 |
| Average | 26.40 |         | 26.35 |          | 26.97 |          | 26.27 |          | 26.52 |         | 26.35 |       | 26.10 |       | 25.98 |           | 26.35 |        |

