

Test 4 v5 High Humidity

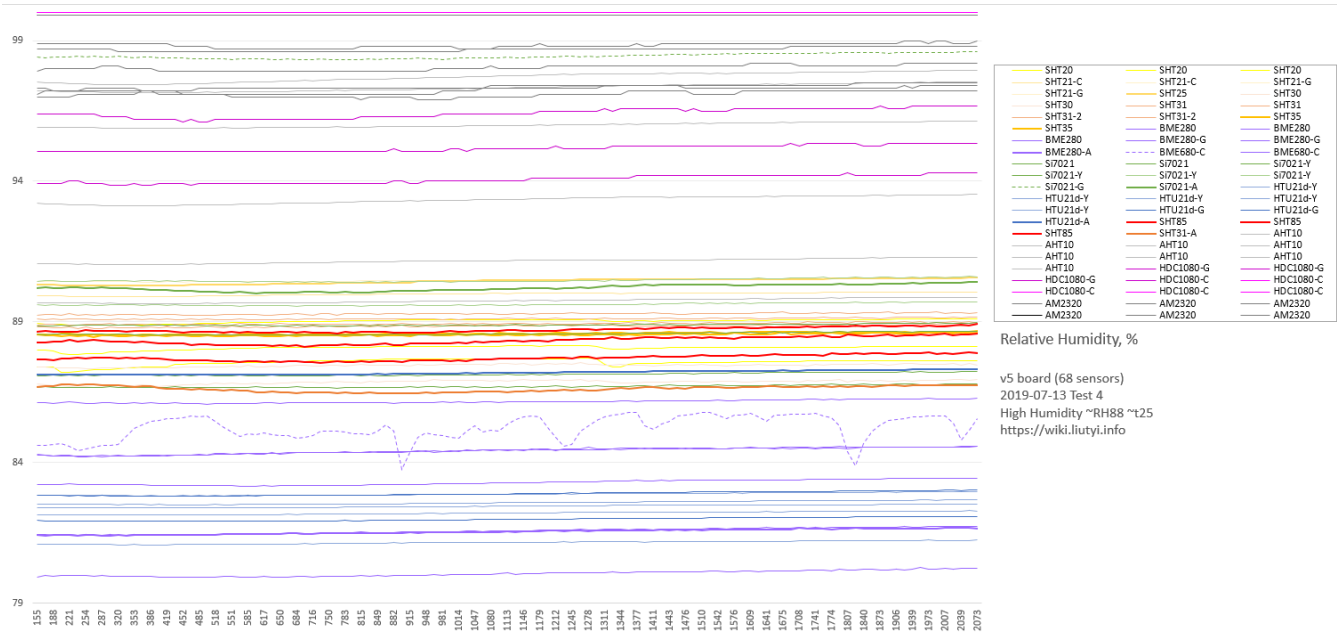
v5 board over non-saturated salt solution

Humidity

HUMDT021.CSV

SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	SI7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	HDC1080	rh, %	AM2320	rh, %
SHT20	87.56	SHT30	86.88	BME280	80.10	SI7021	88.61	HTU21d-Y	81.19			AHT10	91.21	HDC1080-G	95.25	AM2320	97.40
SHT20	88.08	SHT30	87.46	BME280	81.64	SI7021	87.15	HTU21d-Y	82.23			AHT10	89.80	HDC1080-G	94.21	AM2320	98.70
SHT20	89.04	SHT31	88.88	BME280	84.50	SI7021-Y	88.89	HTU21d-Y	82.47	SHT85	88.78	AHT10	96.05	HDC1080-G	96.59	AM2320	98.90
SHT21-C	90.01	SHT31	89.30	BME280-G	84.48	SI7021-Y	86.74	HTU21d-Y	82.91	SHT85	87.79	AHT10	100.0	HDC1080-C	99.99	AM2320	99.90
SHT21-C	90.53	SHT35	89.11	BME280-G	86.19	SI7021-Y	89.66	HTU21d-Y	82.62	SHT85	88.44	AHT10	97.42	HDC1080-C	99.99	AM2320	99.90
SHT21-G	78.53	SHT35	88.92	BME280-A	81.62	SI7021-Y	90.50	HTU21d-G	82.02	SHT31-A	86.67	AHT10	100.0	HDC1080-C	99.99	AM2320	97.30
SHT21-G	77.83	SHT31-2	88.57	BME680-C	85.72	SI7021-G	98.49	HTU21d-G	82.95			AHT10	93.44	HDC1080-C	99.99	AM2320	98.10
SHT25	90.5	SHT31-2	88.60	BME680-C	83.36	SI7021-A	90.32	HTU21d-A	87.24			AHT10	97.84	HDC1080-C	99.99	AM2320	97.10
Average	86.51		88.46		83.36		90.04		82.95		88.33		95.72		98.25		98.41

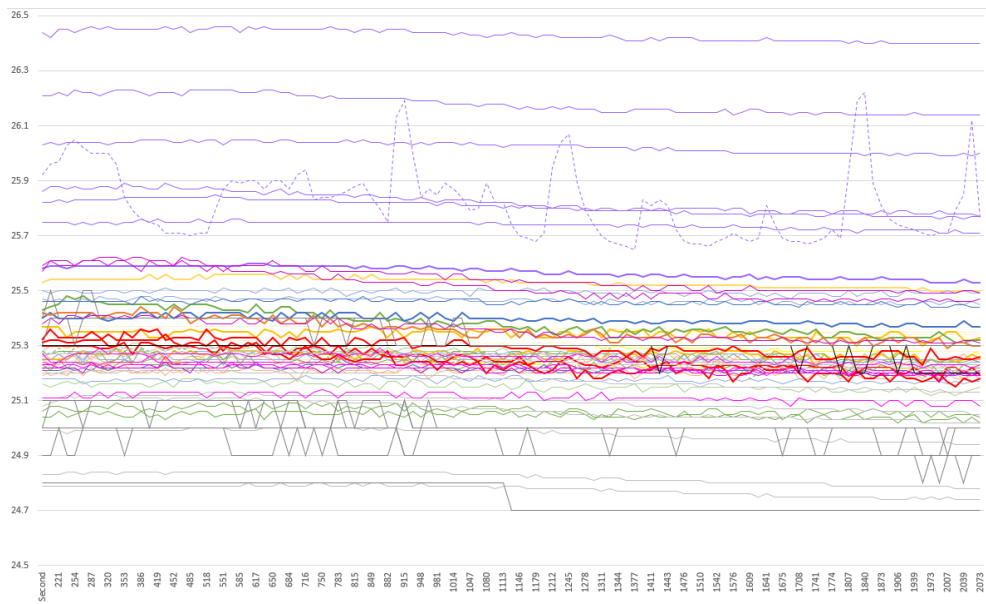
-A Adafruit modules, SHT85 - Senserion Modules, -C - CJMCU modules, -G,Y - GY-xx, (other are some Chinese Noname modules)



Temperature

TMPRT021.CSV

SHT2x	t° C	SHT3x	t° C	BMEx80	t° C	SI7021	t° C	HTU21	t° C	SHT85	t° C	AHT10	t° C	HDC1080	t° C	AM2320	t° C
SHT20	25.22	SHT30	25.23	BME280	26.15	SI7021	25.04	HTU21d	25.46			AHT10	24.76	HDC1080-C	25.32	AM2320	25.30
SHT20	25.22	SHT30	25.25	BME280	25.78	SI7021	25.05	HTU21d	25.24			AHT10	24.96	HDC1080-C	25.50	AM2320	24.70
SHT20	25.29	SHT31	25.19	BME280	26.42	SI7021-2	25.23	HTU21d	25.17	SHT85	25.28	AHT10	25.24	HDC1080-C	25.49	AM2320	25.00
SHT21-C	25.22	SHT31	25.22	BME280-2	26.01	SI7021-2	25.23	HTU21d	25.49	SHT85	25.23	AHT10	24.81	HDC1080-C	25.20	AM2320	25.30
SHT21-C	25.36	SHT35	25.24	BME280-2	25.74	SI7021-2	25.15	HTU21d	25.27	SHT85	25.21	AHT10	25.08	HDC1080-C	25.11	AM2320	24.90
SHT21-G	25.35	SHT35	25.23	BME280-A	25.55	SI7021-2	25.25	HTU21d-2	25.46	SHT31-A	25.31	AHT10	25.16	HDC1080-C	25.21	AM2320	25.00
SHT21-G	25.30	SHT31-2	25.27	BME680	25.67	SI7021-3	25.21	HTU21d-2	25.21			AHT10	25.23	HDC1080-C	25.24	AM2320	24.90
SHT25	25.52	SHT31-2	25.36	BME680	25.80	SI7021-A	25.36	HTU21d-A	25.38			AHT10	25.04	HDC1080-C	25.22	AM2320	25.30



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|-----------|-----------|-----------|-----------|
| SHT20 | SHT20 | SHT20 | SHT21-C |
| SHT21-C | SHT21-G | SHT21-G | SHT25 |
| SHT30 | SHT30 | SHT31 | SHT31 |
| SHT31-2 | SHT31-2 | SHT35 | SHT35 |
| BME280 | BME280 | BME280 | BME280-G |
| BME280-G | BME280-A | BME680-C | BME680-C |
| SI7021 | SI7021 | SI7021-Y | SI7021-Y |
| SI7021-Y | SI7021-G | SI7021-A | SI7021-A |
| HTU214-Y | HTU214-G | HTU214-Y | HTU214-Y |
| HTU214-G | HTU214-G | HTU214-A | HTU214-A |
| SHT85 | SHT85 | SHT85 | SHT31-A |
| AHT10 | AHT10 | AHT10 | AHT10 |
| HDC1080-G | HDC1080-G | HDC1080-C | HDC1080-C |
| HDC1080-C | HDC1080-C | HDC1080-C | HDC1080-C |
| AM2320 | AM2320 | AM2320 | AM2320 |
| AM2320 | AM2320 | AM2320 | AM2320 |

Temperature, °C

v5 board (68 sensors)
2019-07-13 Test 4
High Humidity ~RH88 ~t25
<https://wiki.iuttyl.info/>