

Test 6 v5 above water

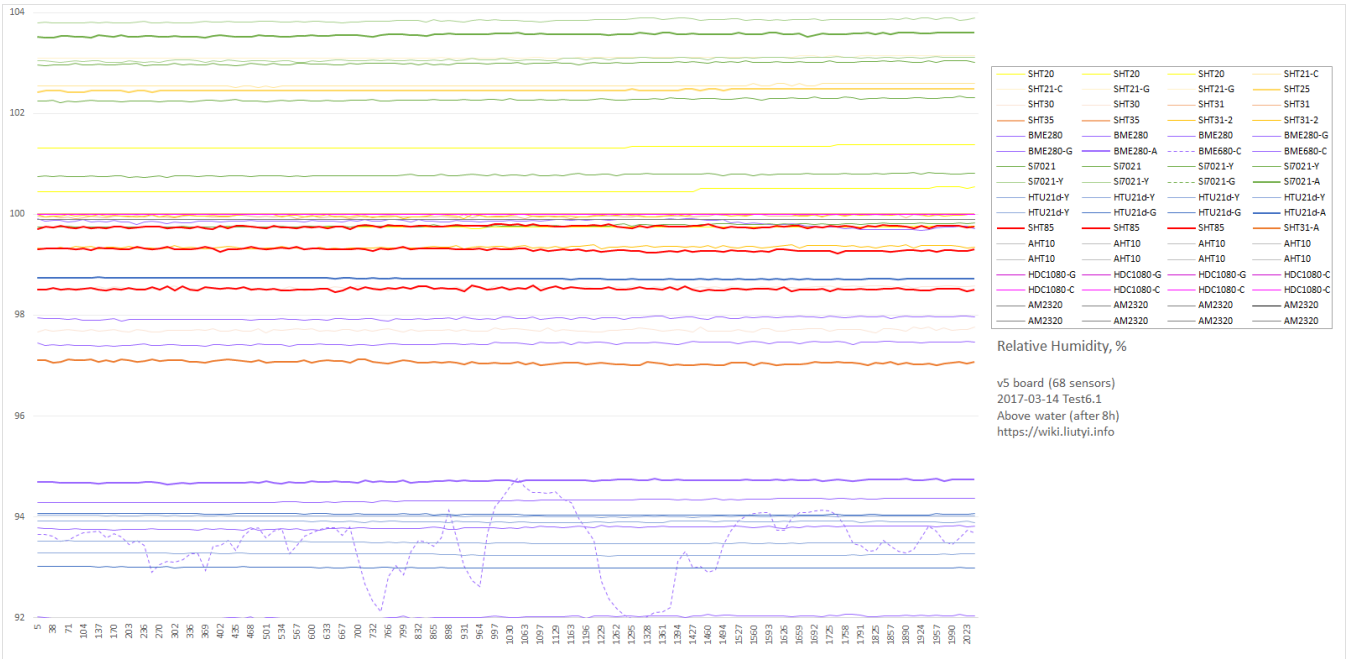
v5 board above water (after several hours), RH~100%

Humidity

v5_t61-Water-h.csv

SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	SI7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	HDC1080	rh, %	AM2320	rh, %
SHT20	99.77	SHT30	97.77	BME280	92.03	SI7021	103.02	HTU21d-Y	91.89			AHT10	100	HDC1080-G	99.99	AM2320	99.90
SHT20	100.54	SHT30	98.59	BME280	93.81	SI7021	100.81	HTU21d-Y	93.26			AHT10	100	HDC1080-G	99.99	AM2320	99.90
SHT20	101.38	SHT31	99.99	BME280	97.46	SI7021-Y	102.31	HTU21d-Y	93.49	SHT85	99.75	AHT10	100	HDC1080-G	99.99	AM2320	99.90
SHT21-C	102.6	SHT31	100	BME280-G	97.97	SI7021-Y	99.83	HTU21d-Y	94.01	SHT85	98.50	AHT10	100	HDC1080-C	99.99	AM2320	99.90
SHT21-C	103.15	SHT35	100	BME280-G	99.71	SI7021-Y	103.11	HTU21d-Y	93.89	SHT85	99.30	AHT10	100	HDC1080-C	99.99	AM2320	99.90
SHT21-G	88.14	SHT35	100	BME280-A	94.74	SI7021-Y	103.89	HTU21d-G	92.98	SHT31-A	97.07	AHT10	100	HDC1080-C	99.99	AM2320	99.90
SHT21-G	87.27	SHT31-2	100	BME680-C	93.68	SI7021-G	112.21	HTU21d-G	94.06			AHT10	100	HDC1080-C	99.99	AM2320	99.90
SHT25	102.49	SHT31-2	99.35	BME680-C	94.36	SI7021-A	103.6	HTU21d-A	98.72			AHT10	100	HDC1080-C	99.99	AM2320	99.90
Average	98.16		99.46		95.47		103.6		94.03		99.18		100		99.99		99.90

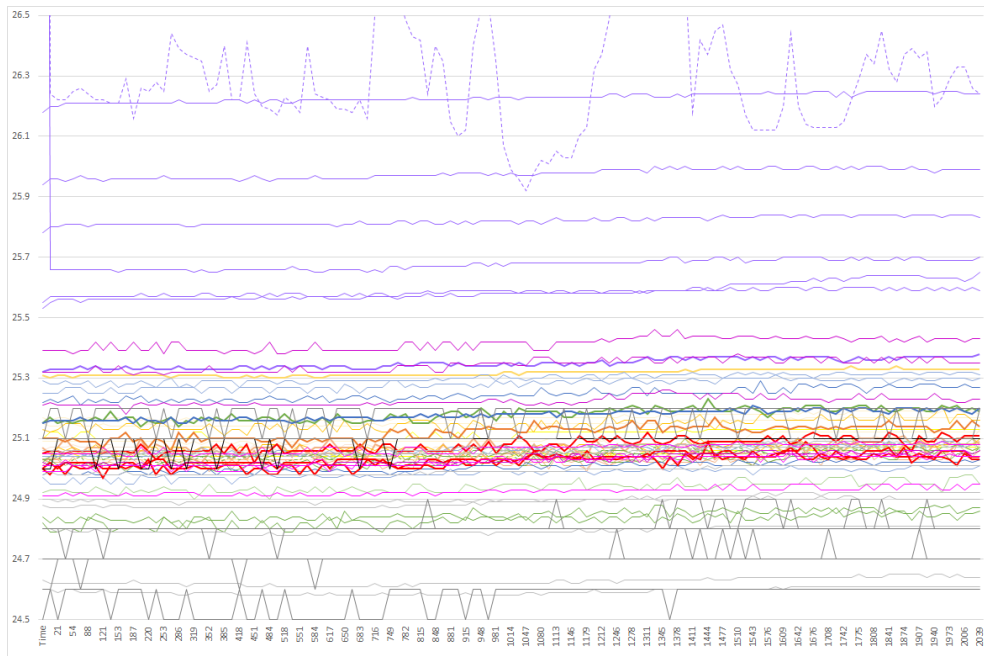
-A Adafruit modules, SHT85 - Senserion Modules, -C - CJMCU modules, -G,Y - GY-xx, (other are some Chinese Noname modules)



Temperature

v5_t61-Water-t.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	25.07	SHT30	25.08	BME280	25.99	SI7021	24.86	HTU21d	25.30			AHT10	24.61	HDC1080-C	25.23	AM2320	25.20
SHT20	25.07	SHT30	25.13	BME280	25.59	SI7021	24.87	HTU21d	25.08			AHT10	24.81	HDC1080-C	25.43	AM2320	24.60
SHT20	25.13	SHT31	25.03	BME280	26.24	SI7021-2	25.07	HTU21d	25.01	SHT85	25.11	AHT10	25.07	HDC1080-C	25.35	AM2320	24.80
SHT21-C	25.06	SHT31	25.06	BME280-2	25.83	SI7021-2	25.04	HTU21d	25.31	SHT85	25.04	AHT10	24.64	HDC1080-C	25.06	AM2320	25.10
SHT21-C	25.18	SHT35	25.08	BME280-A	25.65	SI7021-2	24.95	HTU21d	25.08	SHT85	25.03	AHT10	24.92	HDC1080-C	24.95	AM2320	24.70
SHT21-G	25.17	SHT35	25.09	BME280-A	25.38	SI7021-2	25.06	HTU21d-2	25.27	SHT31-A	25.14	AHT10	25.01	HDC1080-C	25.04	AM2320	24.80
SHT21-G	25.12	SHT31-2	25.10	BME680	26.24	SI7021-3	25.07	HTU21d-2	25.03			AHT10	25.08	HDC1080-C	25.08	AM2320	24.70
SHT25	25.33	SHT31-2	25.16	BME680	25.70	SI7021-A	25.19	HTU21d-A	25.20			AHT10	24.90	HDC1080-C	25.04	AM2320	25.20



SHT20	SHT20	SHT20	SHT21-C
SHT21-C	SHT21-G	SHT21-G	SHT25
SHT30	SHT30	SHT31	SHT31
SHT35	SHT35	SHT31-2	SHT31-2
BME280	BME280	BME280	BME280-G
BME280-G	BME280-A	BME680-C	BME680-C
S7021	S7021	S7021-Y	S7021-Y
S7021-Y	S7021-Y	S7021-G	S7021-A
HTU21d-Y	HTU21d-Y	HTU21d-G	HTU21d-Y
HTU21d-Y	HTU21d-G	HTU21d-G	HTU21d-A
SHT85	SHT85	SHT85	SHT31-A
AHT10	AHT10	AHT10	AHT10
AHT10	AHT10	AHT10	AHT10
HDC1080-G	HDC1080-G	HDC1080-G	HDC1080-C
HDC1080-C	HDC1080-C	HDC1080-C	HDC1080-C
AM2320	AM2320	AM2320	AM2320
AM2320	AM2320	AM2320	AM2320

Temperature, °C

v5 board (68 sensors)
2017-03-14 Test6.1
Above water (after 8h)
<https://wiki.liutyl.info>