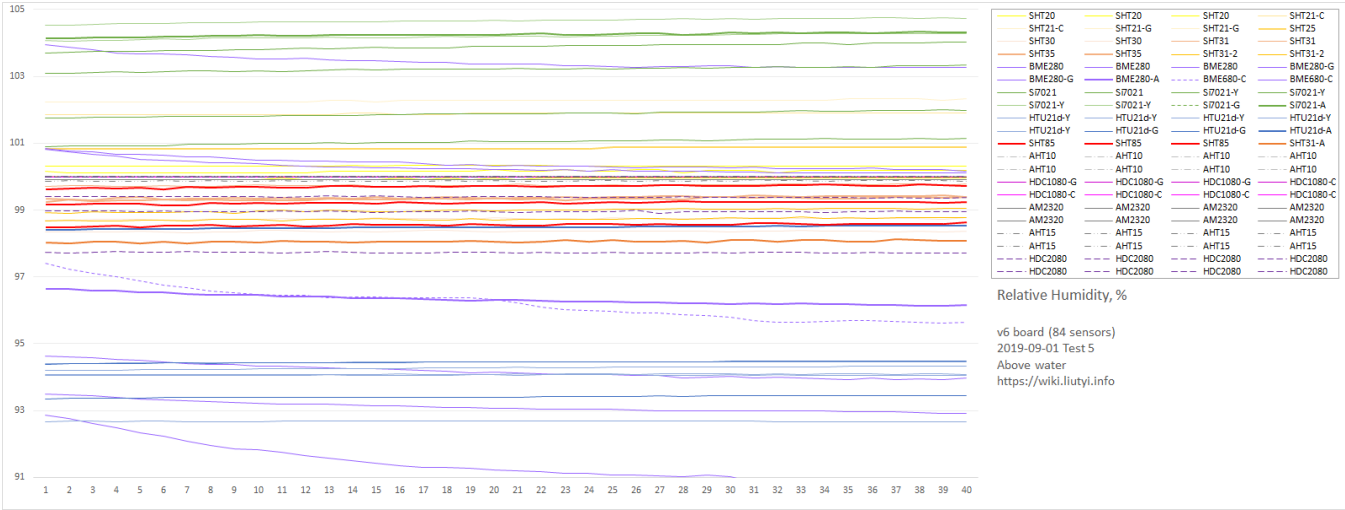


Test 5 v6 above water

v6 board (more unstable than ever before) after about 24h above water in a plastic box. Expected RH~100%

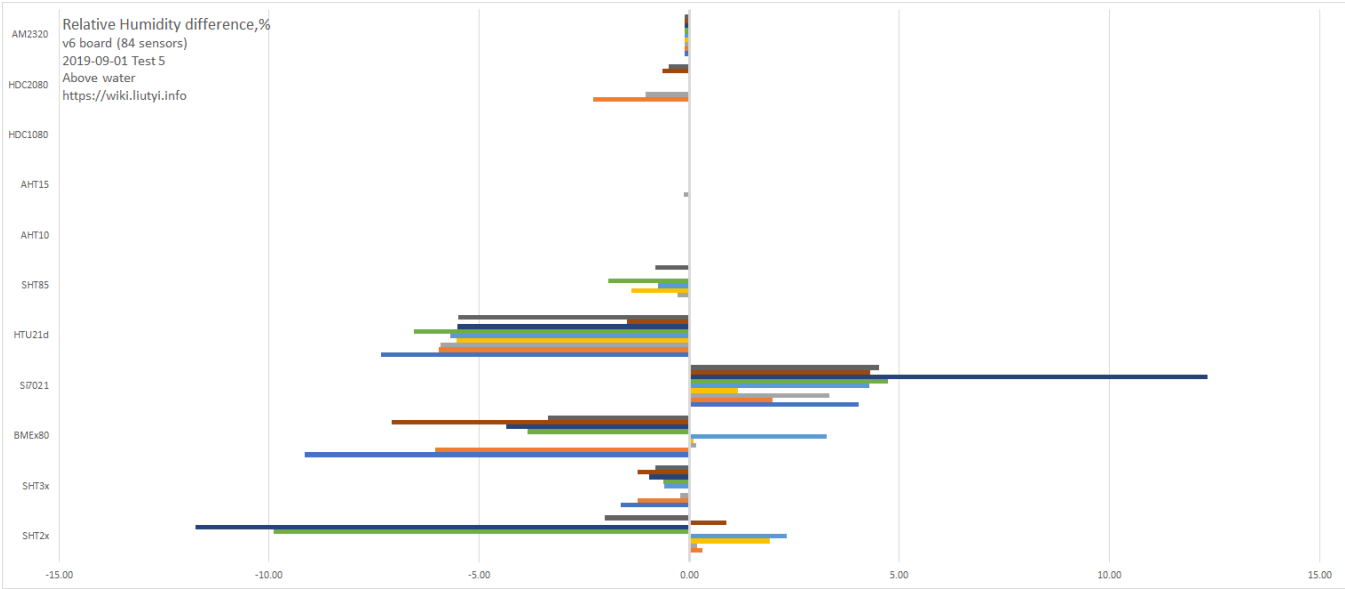
Humidity

v6t5_h.CSV



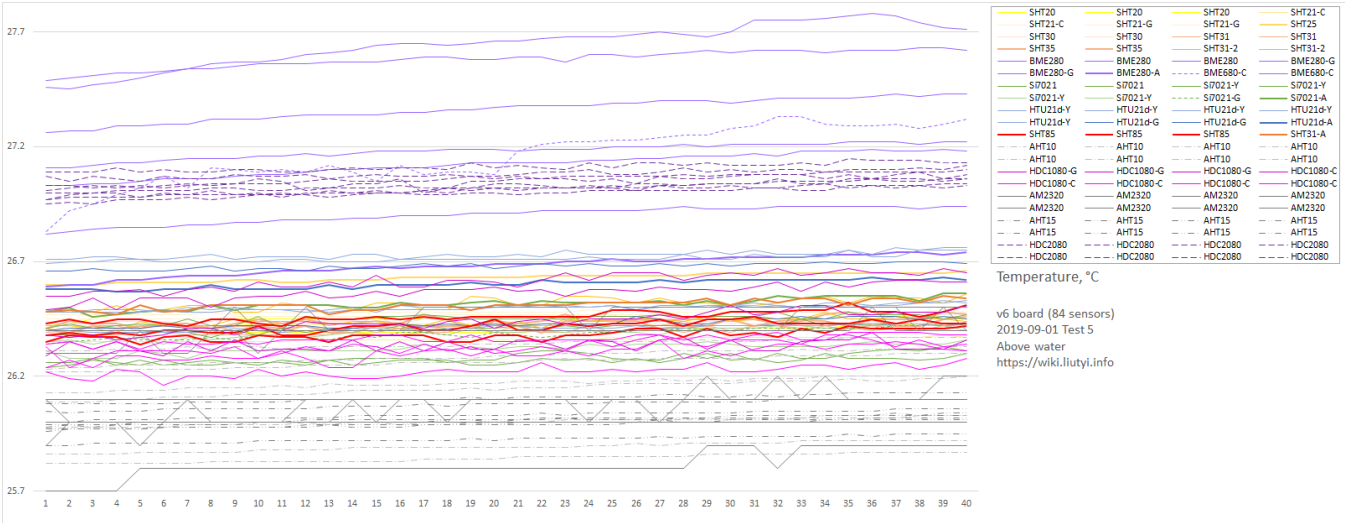
SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	SI7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	AHT15	rh, %	HDC1080	rh, %
SHT20	99.97	SHT30	98.36	BME280	90.85	SI7021	104.02	HTU21d-Y	92.66			AHT10	100	AHT15	100	HDC1080-G	99.99
SHT20	100.32	SHT30	98.78	BME280	93.96	SI7021	101.98	HTU21d-Y	94.05			AHT10	100	AHT15	100	HDC1080-G	99.99
SHT20	100.18	SHT31	99.78	BME280	100.16	SI7021-Y	103.34	HTU21d-Y	94.08	SHT85	99.73	AHT10	100	AHT15	99.87	HDC1080-G	99.99
SHT21-C	101.91	SHT31	100	BME280-G	100.1	SI7021-Y	101.15	HTU21d-Y	94.46	SHT85	98.63	AHT10	100	AHT15	100	HDC1080-C	99.99
SHT21-C	102.33	SHT35	99.4	BME280-G	103.26	SI7021-Y	104.29	HTU21d-Y	94.32	SHT85	99.25	AHT10	100	AHT15	100	HDC1080-C	99.99
SHT21-G	90.11	SHT35	99.39	BME280-A	96.15	SI7021-Y	104.73	HTU21d-G	93.44	SHT85	98.08	AHT10	100	AHT15	100	HDC1080-C	99.99
SHT21-G	88.26	SHT31-2	99.05	BME680-C	95.64	SI7021-G	112.34	HTU21d-G	94.49			AHT10	100	AHT15	100	HDC1080-C	99.99
SHT25	100.88	SHT31-2	98.77	BME680-C	92.91	SI7021-A	104.31	HTU21d-A	98.52			AHT10	100	AHT15	100	HDC1080-C	99.99
Average	98.00		99.19		96.63		104.52		94.50		99.20		100.00		99.98		99.99

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



Temperature

v6t5_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	26.43	SHT30	26.46	BME280	27.71	Si7021	26.3	HTU21d	26.75			AHT10	25.87	AHT15	26.06	HDC1080-G	26.51	HDC208
SHT20	26.45	SHT30	26.48	BME280	27.43	Si7021	26.31	HTU21d	26.53			AHT10	26.03	AHT15	26.02	HDC1080-G	26.65	HDC208
SHT20	26.46	SHT31	26.44	BME280	27.62	Si7021-2	26.47	HTU21d	26.43	SHT85	26.51	AHT10	26.37	AHT15	26.04	HDC1080-G	26.61	HDC208
SHT21-C	26.37	SHT31	26.42	BME280-2	27.22	Si7021-2	26.43	HTU21d	26.76	SHT85	26.43	AHT10	25.92	AHT15	25.95	HDC1080-C	26.36	HDC208
SHT21-C	26.5	SHT35	26.47	BME280-2	26.94	Si7021-2	26.36	HTU21d	26.52	SHT85	26.42	AHT10	26.2	AHT15	26.1	HDC1080-C	26.28	HDC208
SHT21-G	26.48	SHT35	26.46	BME280-A	26.74	Si7021-2	26.4	HTU21d-2	26.69	SHT31-A	26.54	AHT10	26.3	AHT15	26.13	HDC1080-C	26.34	HDC208
SHT21-G	26.43	SHT31-2	26.44	BME680	27.32	Si7021-3	26.43	HTU21d-2	26.45			AHT10	26.33	AHT15	26.03	HDC1080-C	26.38	HDC208
SHT25	26.66	SHT31-2	26.56	BME680	27.18	Si7021-A	26.56	HTU21d-A	26.62			AHT10	26.2	AHT15	26.01	HDC1080-C	26.31	HDC208
Average	26.47		26.47		27.27		26.41		26.59		26.45		26.15		26.04		26.43	

