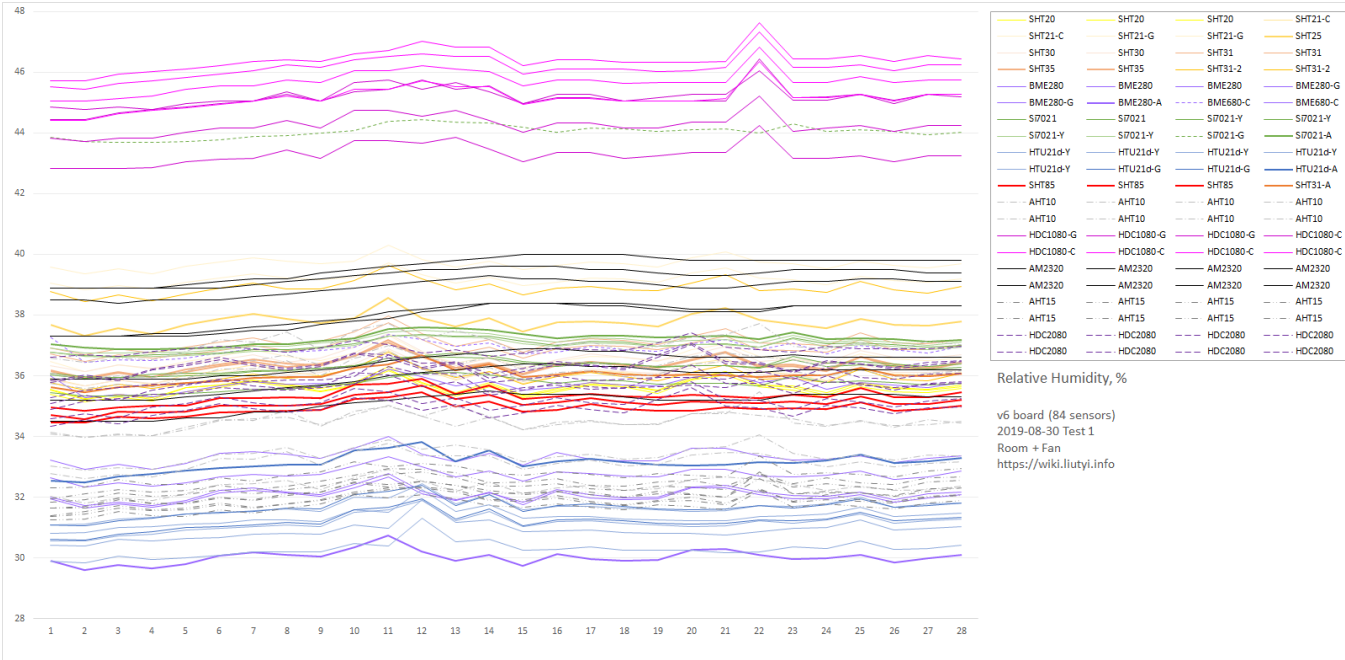


Test 0 v6 room RH35 with fan unstable board

v6 still unstable board in a room with an external fan. New sensors AHT15 and HDC2080 on the same i2c bus.

Humidity

v6t0rfrh.CSV

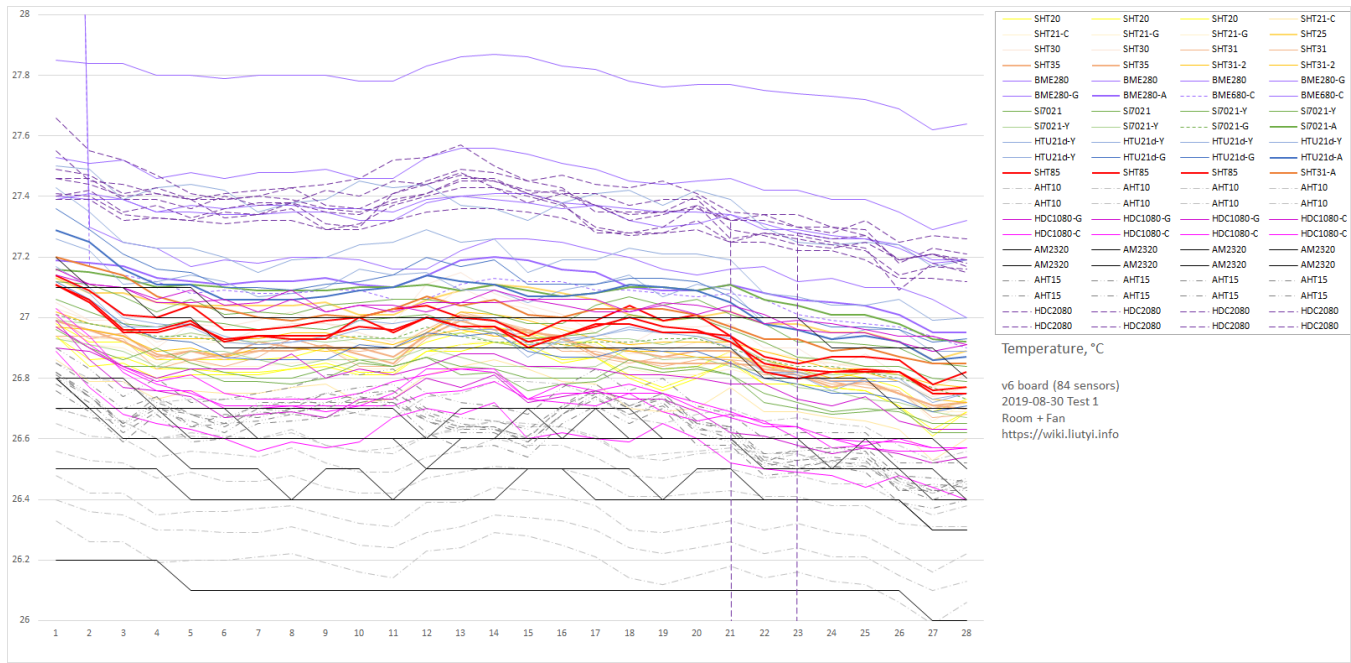


SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	SI7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	AHT15	rh, %	HDC1080	rh, %
SHT20	35.64	SHT30	36.69	BME280	68.1	SI7021	36.4	HTU21d-Y	30.41			AHT10	34.51	AHT15	32.3	HDC1080-G	45.28
SHT20	35.58	SHT30	36.19	BME280	32.09	SI7021	35.76	HTU21d-Y	31.02			AHT10	32.37	AHT15	32.95	HDC1080-G	43.26
SHT20	35.69	SHT31	37	BME280	33.36	SI7021-Y	37.01	HTU21d-Y	31.48	SHT85	35	AHT10	36.17	AHT15	31.89	HDC1080-G	44.24
SHT21-C	36.11	SHT31	37.19	BME280-G	32.18	SI7021-Y	36.29	HTU21d-Y	31.8	SHT85	35.47	AHT10	36.45	AHT15	32.31	HDC1080-C	45.18
SHT21-C	36.59	SHT35	36.45	BME280-G	32.85	SI7021-Y	36.95	HTU21d-Y	31.28	SHT85	35.22	AHT10	33.16	AHT15	32.55	HDC1080-C	46.45
SHT21-G	39.2	SHT35	36.42	BME280-A	30.11	SI7021-Y	37.12	HTU21d-G	31.34	SHT31-A	36.08	AHT10	37.03	AHT15	32.05	HDC1080-C	45.26
SHT21-G	39.7	SHT31-2	36.09	BME680-C	36.96	SI7021-G	44.02	HTU21d-G	31.8			AHT10	33.36	AHT15	32.67	HDC1080-C	46.25
SHT25	37.79	SHT31-2	38.95	BME680-C	35.78	SI7021-A	37.19	HTU21d-A	33.28			AHT10	34.45	AHT15	32.07	HDC1080-C	45.75
Average	37.03		36.87		33.33		37.59		31.55		35.23		34.68		32.35		45.20

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

Temperature

v5t0rft.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	26.69	SHT30	26.81	BME280	23.14	SI7021	26.62	HTU21d	27.19			AHT10	26.06	AHT15	26.46	HDC1080-G	26.63	HDC208
SHT20	26.69	SHT30	26.77	BME280	27.19	SI7021	26.65	HTU21d	26.89			AHT10	26.22	AHT15	26.44	HDC1080-G	26.91	HDC208
SHT20	26.73	SHT31	26.72	BME280	27.64	SI7021-2	26.84	HTU21d	26.75	SHT85	26.82	AHT10	26.56	AHT15	26.47	HDC1080-G	26.91	HDC208
SHT21-C	26.6	SHT31	26.68	BME280-2	27.32	SI7021-2	26.79	HTU21d	27	SHT85	26.77	AHT10	26.13	AHT15	26.4	HDC1080-C	26.54	HDC208
SHT21-C	26.72	SHT35	26.7	BME280-2	27.19	SI7021-2	26.67	HTU21d	26.75	SHT85	26.75	AHT10	26.38	AHT15	26.46	HDC1080-C	26.4	HDC208
SHT21-G	26.77	SHT35	26.72	BME280-A	26.95	SI7021-2	26.75	HTU21d-2	26.93	SHT31-A	26.85	AHT10	26.45	AHT15	26.52	HDC1080-C	26.57	HDC208
SHT21-G	26.69	SHT31-2	26.72	BME680	26.9	SI7021-3	26.73	HTU21d-2	26.71			AHT10	26.46	AHT15	26.43	HDC1080-C	26.57	HDC208
SHT25	26.89	SHT31-2	26.77	BME680	27	SI7021-A	26.92	HTU21d-A	26.87			AHT10	26.31	AHT15	26.44	HDC1080-C	26.57	HDC208