

Test 5 v5 saturated salt solution

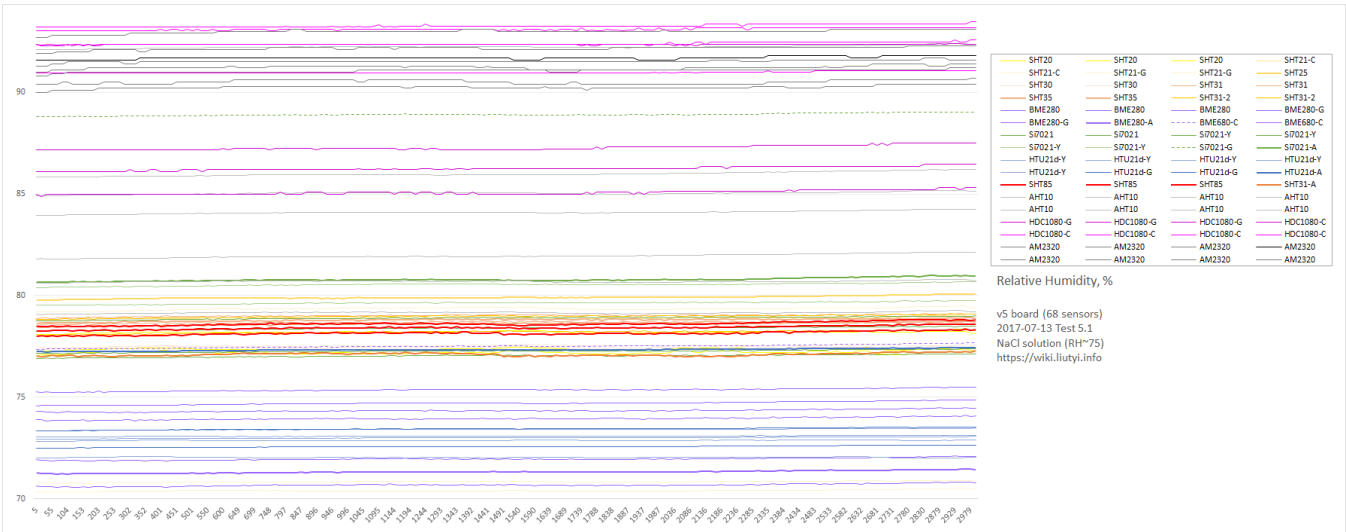
v5 board above saturated NaCl salt solution (that is must be something like 75.2% RH)

Humidity

v5_t51_rh75_h.CSV

SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	SI7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	HDC1080	rh, %	AM2320	rh, %
SHT20	77.14	SHT30	77.46	BME280	70.80	SI7021	78.50	HTU21d-Y	72.06			AHT10	80.72	HDC1080-G	86.45	AM2320	91.20
SHT20	77.29	SHT30	77.56	BME280	72.08	SI7021	77.38	HTU21d-Y	72.90			AHT10	79.19	HDC1080-G	85.31	AM2320	91.60
SHT20	78.13	SHT31	78.71	BME280	74.45	SI7021-Y	79.00	HTU21d-Y	73.13	SHT85	78.59	AHT10	85.14	HDC1080-G	87.50	AM2320	92.30
SHT21-C	78.89	SHT31	79.07	BME280-G	74.08	SI7021-Y	77.13	HTU21d-Y	73.48	SHT85	78.34	AHT10	92.35	HDC1080-C	92.37	AM2320	91.80
SHT21-C	79.40	SHT35	78.87	BME280-G	75.48	SI7021-Y	79.76	HTU21d-Y	73.08	SHT85	78.8	AHT10	84.25	HDC1080-C	93.16	AM2320	93.10
SHT21-G	70.85	SHT35	78.69	BME280-A	71.45	SI7021-Y	80.68	HTU21d-G	72.65	SHT31-A	77.29	AHT10	100.0	HDC1080-C	91.08	AM2320	90.40
SHT21-G	70.48	SHT31-2	78.28	BME680-C	77.67	SI7021-G	89.04	HTU21d-G	73.52			AHT10	82.13	HDC1080-C	93.46	AM2320	91.40
SHT25	80.07	SHT31-2	79.09	BME680-C	74.85	SI7021-A	80.95	HTU21d-A	77.44			AHT10	86.20	HDC1080-C	92.57	AM2320	90.70
Average	76.5%		78.5%		73.8%		80.3%		73.5%		78.5%		86.2%		90.2%		91.6%

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



Temperature

v5_t51_rh75_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	25.14	SHT30	25.19	BME280	26.00	SI7021	25.12	HTU21d	25.46			AHT10	24.56	HDC1080-C	25.13	AM2320	25.10
SHT20	25.17	SHT30	25.24	BME280	25.65	SI7021	25.09	HTU21d	25.30			AHT10	24.77	HDC1080-C	25.27	AM2320	24.50
SHT20	25.24	SHT31	25.23	BME280	26.34	SI7021-2	25.29	HTU21d	25.23	SHT85	25.18	AHT10	25.03	HDC1080-C	25.20	AM2320	24.70
SHT21-C	25.18	SHT31	25.22	BME280-2	25.94	SI7021-2	25.28	HTU21d	25.54	SHT85	25.09	AHT10	24.60	HDC1080-C	25.15	AM2320	25.10
SHT21-C	25.32	SHT35	25.29	BME280-2	25.69	SI7021-2	25.15	HTU21d	25.32	SHT85	25.04	AHT10	24.86	HDC1080-C	25.04	AM2320	24.70
SHT21-G	25.32	SHT35	25.26	BME280-A	25.49	SI7021-2	25.21	HTU21d-2	25.50	SHT31-A	25.19	AHT10	24.93	HDC1080-C	25.12	AM2320	24.80
SHT21-G	25.23	SHT31-2	25.29	BME680	25.46	SI7021-3	25.13	HTU21d-2	25.23			AHT10	25.00	HDC1080-C	25.14	AM2320	24.60
SHT25	25.45	SHT31-2	25.36	BME680	25.64	SI7021-A	25.19	HTU21d-A	25.42			AHT10	24.8	HDC1080-C	25.07	AM2320	25.00

