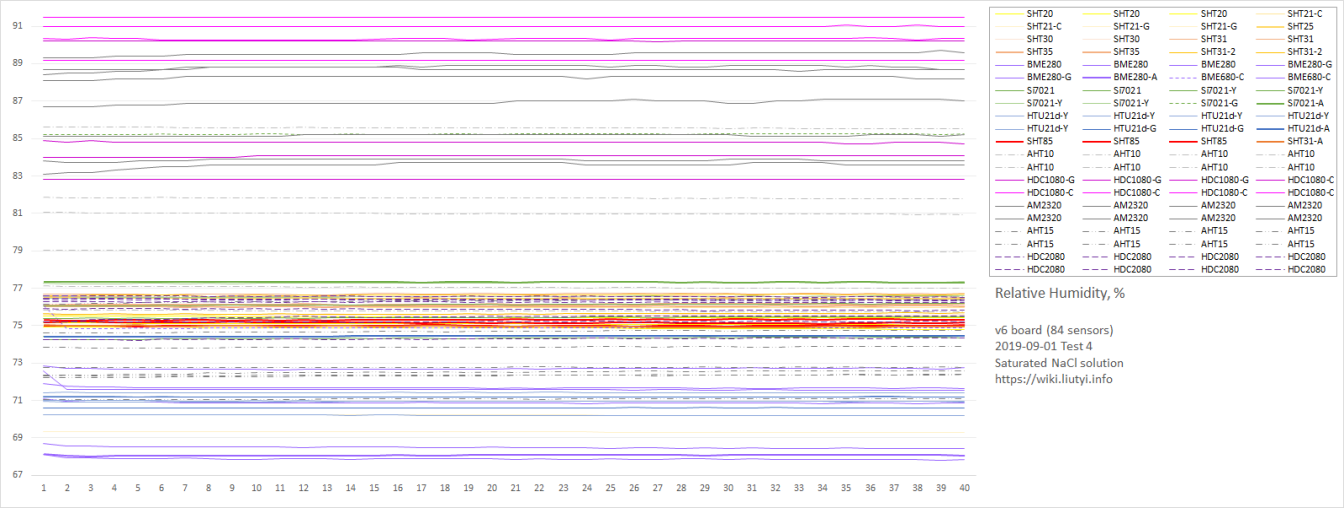
Test 4 v6 Saturated NaCl solution

v6 board (unstable) in the plastic box with a saturated NaCl solution for 10 hours before measurements execution. Expected RH is 75.2%

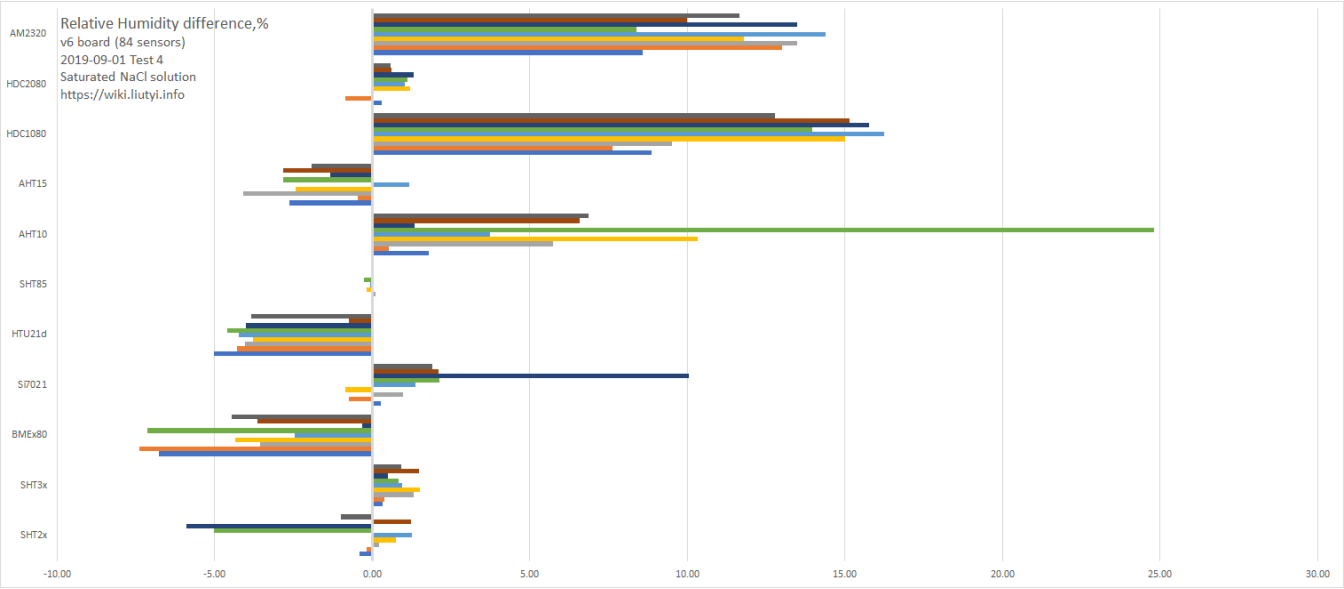
Humidity

v6t4_h.CSV



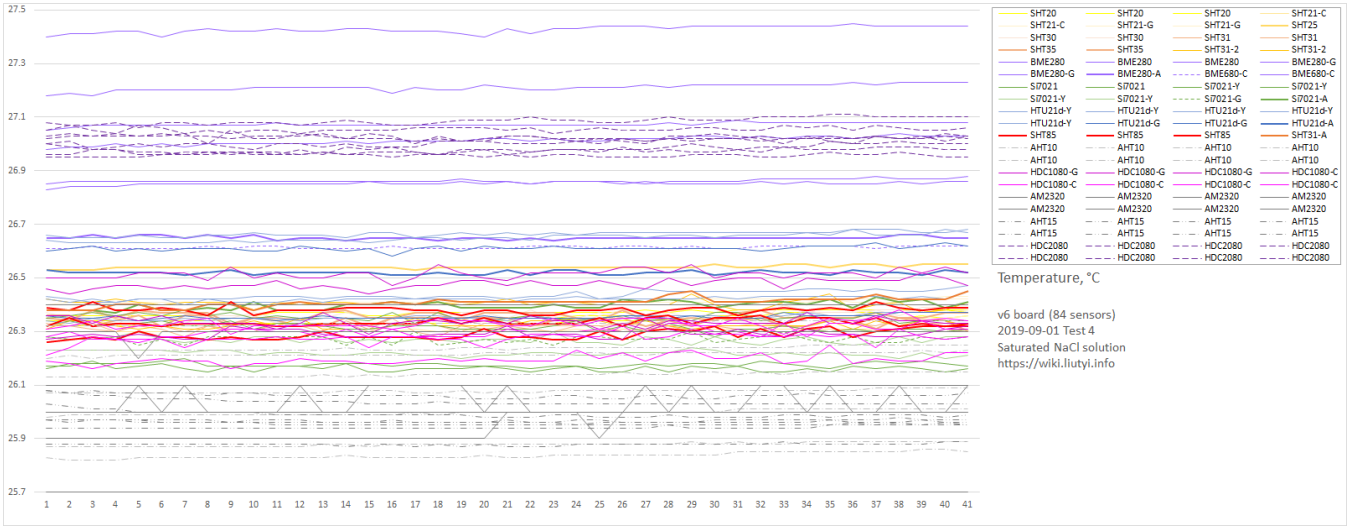
SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	Si7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	AHT15	rh, %	HDC1080	rh, %
SHT20	74.79	SHT30	75.54	BME280	68.44	Si7021	75.47	HTU21d-Y	70.17			AHT10	76.99	AHT15	72.58	HDC1080-G	84.06
SHT20	75.03	SHT30	75.59	BME280	67.83	Si7021	74.47	HTU21d-Y	70.93			AHT10	75.73	AHT15	74.75	HDC1080-G	82.83
SHT20	75.42	SHT31	76.51	BME280	71.64	Si7021-Y	76.17	HTU21d-Y	71.18	**SHT85**	75.31	AHT10	80.94	AHT15	71.11	HDC1080-G	84.72
SHT21-C	75.95	SHT31	76.71	BME280-G	70.85	Si7021-Y	74.36	HTU21d-Y	71.42	**SHT85**	75.02	AHT10	85.53	AHT15	72.78	HDC1080-C	90.21
SHT21-C	76.46	SHT35	76.16	BME280-G	72.75	Si7021-Y	76.58	HTU21d-Y	70.96	**SHT85**	75.15	AHT10	78.95	AHT15	76.38	HDC1080-C	91.46
SHT21-G	70.19	SHT35	76.05	**BME280-A**	68.06	Si7021-Y	77.34	HTU21d-G	70.61	**SHT31-A**	74.94	AHT10	100	AHT15	72.38	HDC1080-C	89.17
SHT21-G	69.31	SHT31-2	75.7	BME680-C	74.88	Si7021-G	85.24	HTU21d-G	71.2			AHT10	76.54	AHT15	73.87	HDC1080-C	90.96
SHT25	76.44	SHT31-2	76.69	BME680-C	71.55	**SI7021-A**	77.3	**HTU21d-A**	74.46			AHT10	81.79	AHT15	72.38	HDC1080-C	90.36
Average	74.20		76.12		70.75		77.12		71.37		75.16		82.06		73.28		87.97

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



Temperature

v6t4_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	26.36	SHT30	26.39	BME280	27.03	Si7021	26.16	HTU21d	26.67			AHT10	25.85	AHT15	25.99	HDC1080-G	26.33	HDC208
SHT20	26.37	SHT30	26.38	BME280	27.23	Si7021	26.17	HTU21d	26.47			AHT10	26.01	AHT15	25.95	HDC1080-G	26.52	HDC208
SHT20	26.38	SHT31	26.3	BME280	27.44	Si7021-2	26.34	HTU21d	26.37	SHT85	26.39	AHT10	26.34	AHT15	25.97	HDC1080-G	26.47	HDC208
SHT21-C	26.31	SHT31	26.33	BME280-2	27.08	Si7021-2	26.31	HTU21d	26.68	SHT85	26.33	AHT10	25.89	AHT15	25.89	HDC1080-C	26.32	HDC208
SHT21-C	26.43	SHT35	26.37	BME280-2	26.86	Si7021-2	26.21	HTU21d	26.45	SHT85	26.32	AHT10	26.15	AHT15	26.03	HDC1080-C	26.22	HDC208
SHT21-G	26.42	SHT35	26.3	BME280-A	26.65	Si7021-2	26.28	HTU21d-2	26.62	SHT31-A	26.45	AHT10	26.23	AHT15	26.07	HDC1080-C	26.31	HDC208
SHT21-G	26.36	SHT31-2	26.32	BME680	26.62	Si7021-3	26.28	HTU21d-2	26.37			AHT10	26.25	AHT15	25.96	HDC1080-C	26.34	HDC208
SHT25	26.55	SHT31-2	26.41	BME680	26.88	Si7021-A	26.41	HTU21d-A	26.52			AHT10	26.09	AHT15	25.95	HDC1080-C	26.28	HDC208
Average	26.40		26.35		26.97		26.27		26.52		26.35		26.10		25.98		26.35	

