

Test 8 v5 Summer Room RH52

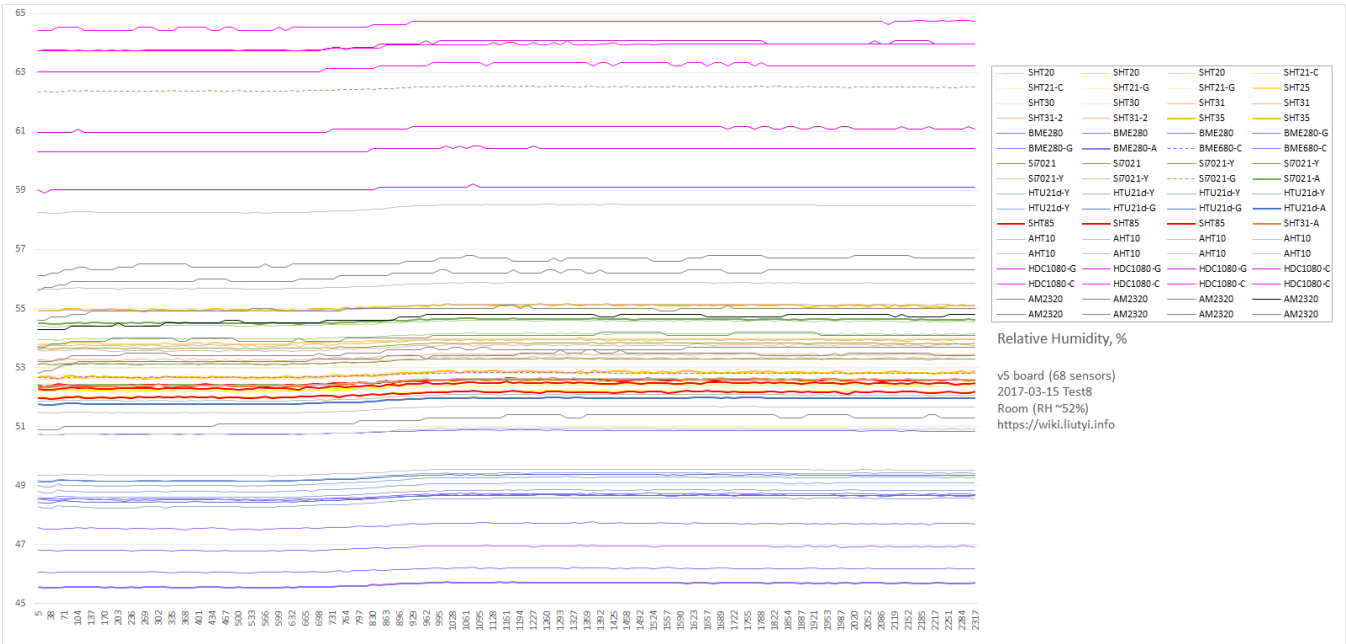
v5 board in a room (relatively cold summer day, RH~52%, t~24.7C)

Humidity

h8v5room.CSV

SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	SI7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	HDC1080	rh, %	AM2320	rh, %
SHT20	52.47	SHT30	53.41	BME280	46.18	SI7021	53.29	HTU21d-Y	48.56			AHT10	52.07	HDC1080-G	61.07	AM2320	51.30
SHT20	52.18	SHT30	52.93	BME280	46.93	SI7021	52.55	HTU21d-Y	49.08			AHT10	49.52	HDC1080-G	59.12	AM2320	54.10
SHT20	52.39	SHT31	53.75	BME280	48.66	SI7021-Y	53.82	HTU21d-Y	49.27	SHT85	52.19	AHT10	55.12	HDC1080-G	60.42	AM2320	55.00
SHT21-C	52.81	SHT31	53.95	BME280-G	47.7	SI7021-Y	52.58	HTU21d-Y	49.42	SHT85	52.6	AHT10	55.85	HDC1080-C	63.95	AM2320	54.80
SHT21-C	53.13	SHT35	53.45	BME280-G	48.70	SI7021-Y	54.13	HTU21d-Y	48.84	SHT85	52.47	AHT10	51.66	HDC1080-C	65.42	AM2320	56.30
SHT21-G	52.00	SHT35	53.30	BME280-A	45.70	SI7021-Y	54.55	HTU21d-G	48.66	SHT31-A	52.60	AHT10	58.48	HDC1080-C	63.23	AM2320	53.40
SHT21-G	52.07	SHT31-2	52.87	BME680-C	52.80	SI7021-G	62.49	HTU21d-G	49.35			AHT10	50.91	HDC1080-C	64.72	AM2320	56.70
SHT25	53.97	SHT31-2	55.1	BME680-C	50.83	SI7021-A	54.62	HTU21d-A	51.96			AHT10	52.59	HDC1080-C	63.95	AM2320	53.70
Average	52.63		53.59		48.44		54.75		49.39		52.42		53.27		62.27		54.41

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



Temperature

t8v5room.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	24.6	SHT30	24.61	BME280	25.76	SI7021	24.46	HTU21d	24.82			AHT10	24.12	HDC1080-C	24.73	AM2320	24.70
SHT20	24.64	SHT30	24.64	BME280	25.40	SI7021	24.47	HTU21d	24.61			AHT10	24.35	HDC1080-C	24.94	AM2320	24.10
SHT20	24.73	SHT31	24.64	BME280	25.95	SI7021-2	24.68	HTU21d	24.55	SHT85	24.68	AHT10	24.58	HDC1080-C	24.94	AM2320	24.40
SHT21-C	24.65	SHT31	24.62	BME280-2	25.55	SI7021-2	24.64	HTU21d	24.88	SHT85	24.63	AHT10	24.15	HDC1080-C	24.54	AM2320	24.60
SHT21-C	24.79	SHT35	24.70	BME280-2	25.27	SI7021-2	24.54	HTU21d	24.65	SHT85	24.62	AHT10	24.42	HDC1080-C	24.45	AM2320	24.20
SHT21-G	24.86	SHT35	24.66	BME280-A	25.15	SI7021-2	24.65	HTU21d-2	24.84	SHT31-A	24.70	AHT10	24.50	HDC1080-C	24.55	AM2320	24.30
SHT21-G	24.75	SHT31-2	24.67	BME680	24.96	SI7021-3	24.64	HTU21d-2	24.59			AHT10	24.61	HDC1080-C	24.59	AM2320	24.30
SHT25	24.97	SHT31-2	24.78	BME680	25.19	SI7021-A	24.78	HTU21d-A	24.78			AHT10	24.42	HDC1080-C	24.52	AM2320	24.70

