

Test 10 v5 board in Freezer

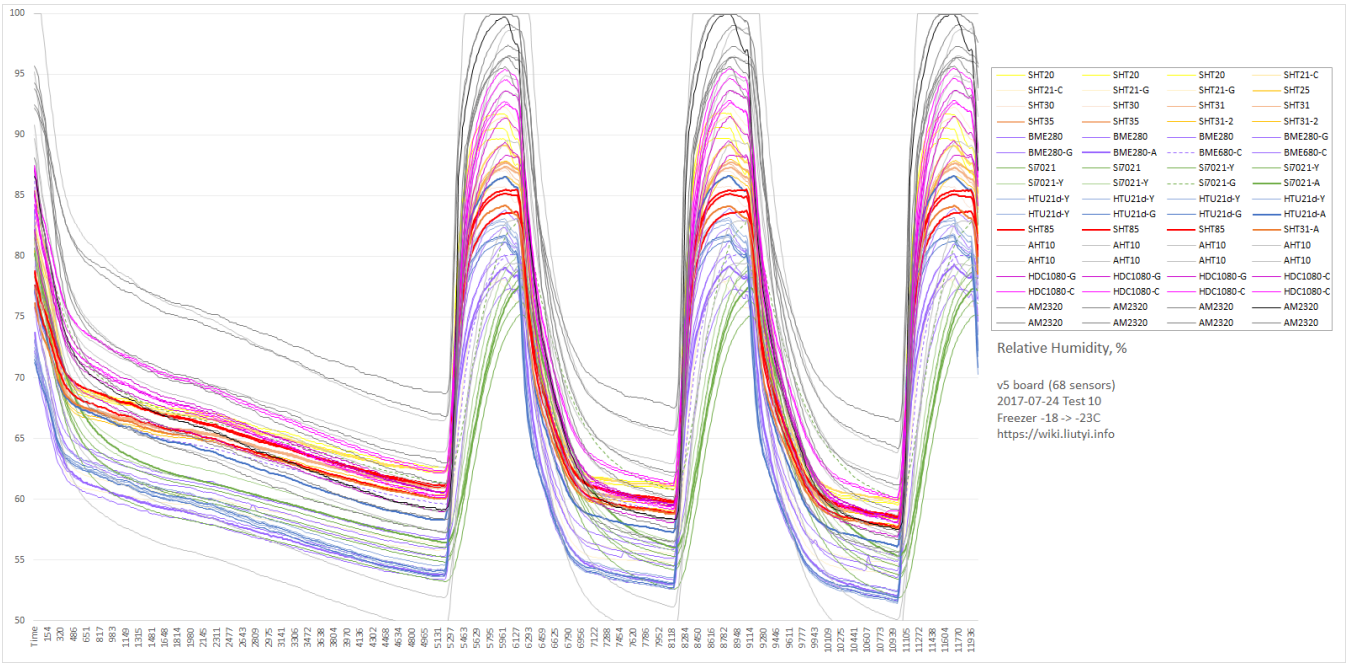
v5 board in the freezer. Switching from -18 to -23 Celsius degree

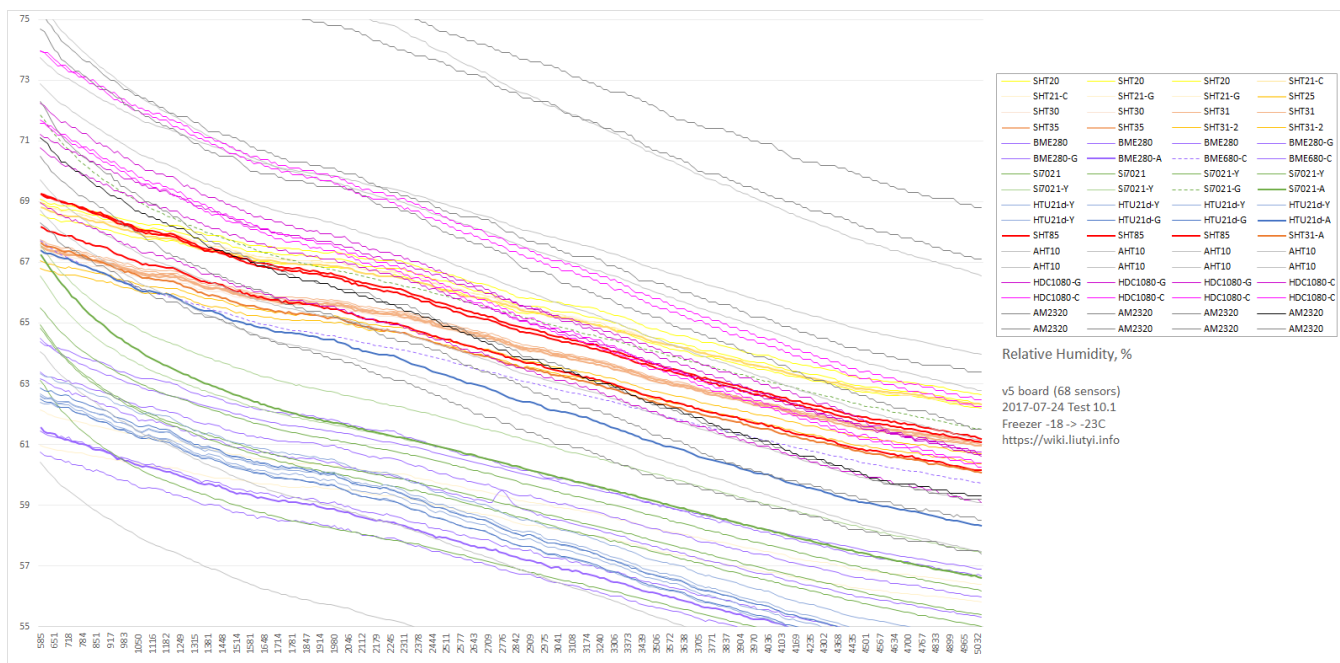
Humidity

v5_t10_freezer-23-h.CSV (second 5032 from data log)

SHT2x	rh, %	SHT3x	rh, %	BMEx80	rh, %	SI7021	rh, %	HTU21	rh, %	SHT85	rh, %	AHT10	rh, %	HDC1080	rh, %	AM2320	rh, %
SHT20	62.35	SHT30	61.12	BME280	53.46	SI7021	56.21	HTU21d-Y	53.93			AHT10	59.11	HDC1080-G	60.76	AM2320	59.2
SHT20	62.21	SHT30	61.02	BME280	54.22	SI7021	55.05	HTU21d-Y	54.2			AHT10	49.34	HDC1080-G	59.19	AM2320	61.5
SHT20	62.66	SHT31	61.06	BME280	56.01	SI7021-Y	55.42	HTU21d-Y	54.11	SHT85	61.26	AHT10	64.01	HDC1080-G	60.8	AM2320	63.4
SHT21-C	62.26	SHT31	61.09	BME280-G	55.35	SI7021-Y	53.45	HTU21d-Y	54.59	SHT85	60.16	AHT10	62.83	HDC1080-C	60.68	AM2320	59.3
SHT21-C	62.31	SHT35	60.97	BME280-G	56.67	SI7021-Y	56.67	HTU21d-Y	53.66	SHT85	61.11	AHT10	57.51	HDC1080-C	60.35	AM2320	67.1
SHT21-G	56.42	SHT35	61.09	BME280-A	53.83	SI7021-Y	57.48	HTU21d-G	53.75	SHT31-A	60.11	AHT10	66.63	HDC1080-C	60.38	AM2320	57.5
SHT21-G	55.83	SHT31-2	60.38	BME680-C	59.76	SI7021-G	61.54	HTU21d-G	54.1			AHT10	52.12	HDC1080-C	62.26	AM2320	68.8
SHT25	62.34	SHT31-2	60.72	BME680-C	56.93	SI7021-A	56.68	HTU21d-A	58.35			AHT10	61.18	HDC1080-C	62.48	AM2320	58.6
Average																	

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





Temperature

v5_t10_freezer-23-t.CSV (second 5032 from data log)

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	-25.4	SHT30	-24.93	BME280	-23.8	SI7021	-25.25	HTU21d	-25.21			AHT10	-28.4	HDC1080-C	-24.69	AM2320	-23.4
SHT20	-25.4	SHT30	-24.87	BME280	-24.54	SI7021	-25.29	HTU21d	-25.37			AHT10	-27.08	HDC1080-C	-24.64	AM2320	-24.1
SHT20	-25.15	SHT31	-25.01	BME280	-24.16	SI7021-2	-25.02	HTU21d	-25.38	SHT85	-25.09	AHT10	-29.7	HDC1080-C	-24.29	AM2320	-23.8
SHT21-C	-25.38	SHT31	-24.95	BME280-2	-25	SI7021-2	-25.05	HTU21d	-25.13	SHT85	-25.29	AHT10	-29.5	HDC1080-C	-24.43	AM2320	-24.4
SHT21-C	-25.32	SHT35	-24.86	BME280-2	-25.61	SI7021-2	-25.17	HTU21d	-25.35	SHT85	-25.64	AHT10	-29.19	HDC1080-C	-24.66	AM2320	-24
SHT21-G	-24.76	SHT35	-24.94	BME280-A	-25.15	SI7021-2	-25.17	HTU21d-2	-25.26	SHT31-A	-24.76	AHT10	-29.07	HDC1080-C	-24.62	AM2320	-24.6
SHT21-G	-25	SHT31-2	-24.93	BME680	-25.51	SI7021-3	-25.16	HTU21d-2	-25.42			AHT10	-26.92	HDC1080-C	-24.53	AM2320	-24.9
SHT25	-24.97	SHT31-2	-24.93	BME680	-24.88	SI7021-A	-25.07	HTU21d-A	-25.26			AHT10	-28.34	HDC1080-C	-24.57	AM2320	-24.5

