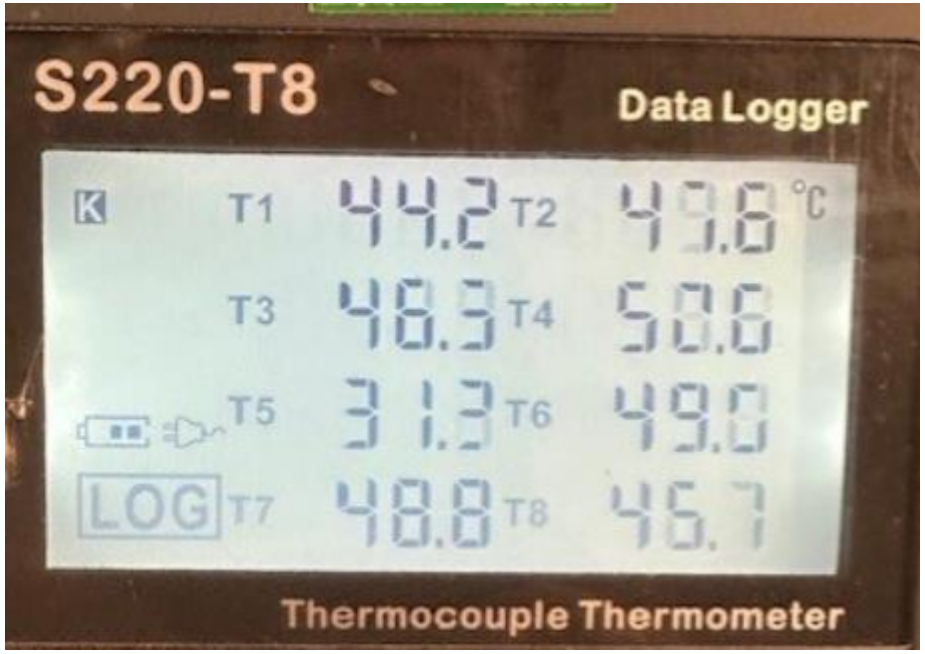
Recent test results

- AquadagE painting works (wire max temperature ~53.7 ℃) but it leaves dirty flakes
- Z360 painting seems to have higher emissivity than AquadagE
- Results with the magnet painted with Z360 are good: max temperature 50.6 ℃

Z360 today results



$R = 12.4\ Ohms$

AquadagE final point in time:

V=15.59 V i=1.289 A R= 12.09 Ω P=20.09 W T_4 =53.7 ℃

Z360 final point in time (this morning, assuming thermal equlibrium)

V=15.99 V i=1.289 A R= 12.4 Ω P=20.61 W T_4 =50.6 ℃

Note: here we deposit 20 W power over ~ ½ of one layer of wire.
In 8-layer magnet same power will be deposited in 8 full layers.