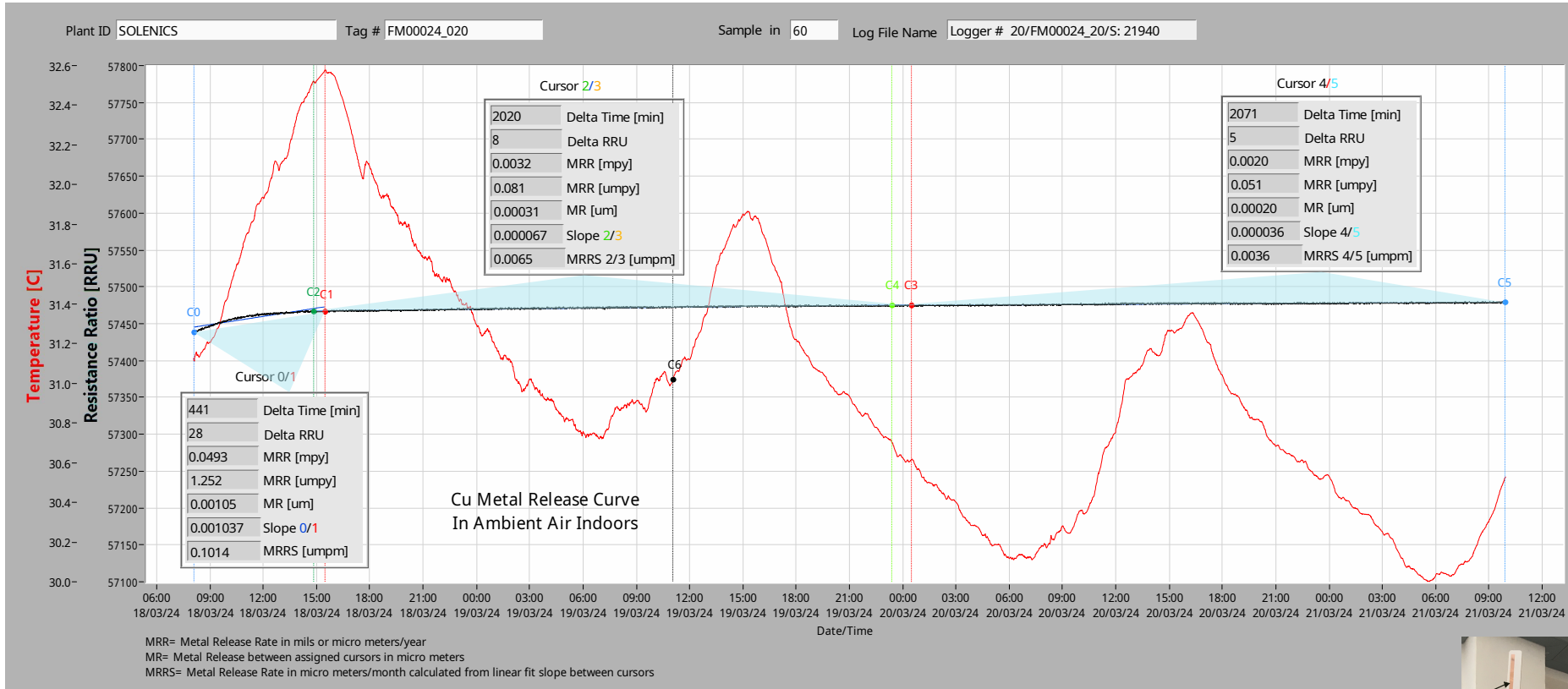


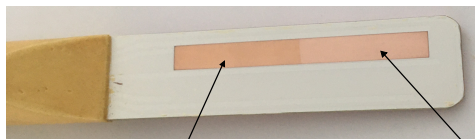
Cu Metal Release Test Report

Environment: Ambient Air Indoors
 Report #/Date: MRTR000/March 20, 2024
 Author: Eugen Tiefnig
 Sensor: FMRS06

Total Average Cu Release: ~1.6nm
 Average Tarnish Thickness: ~ 4nm
 Tarnish Composition: Primarily Cu₂O
 Total Exposure Period: 74 hours



Measurement Setup



Sensor Cu Surface after Exposure

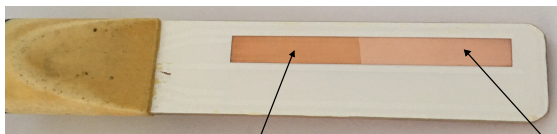
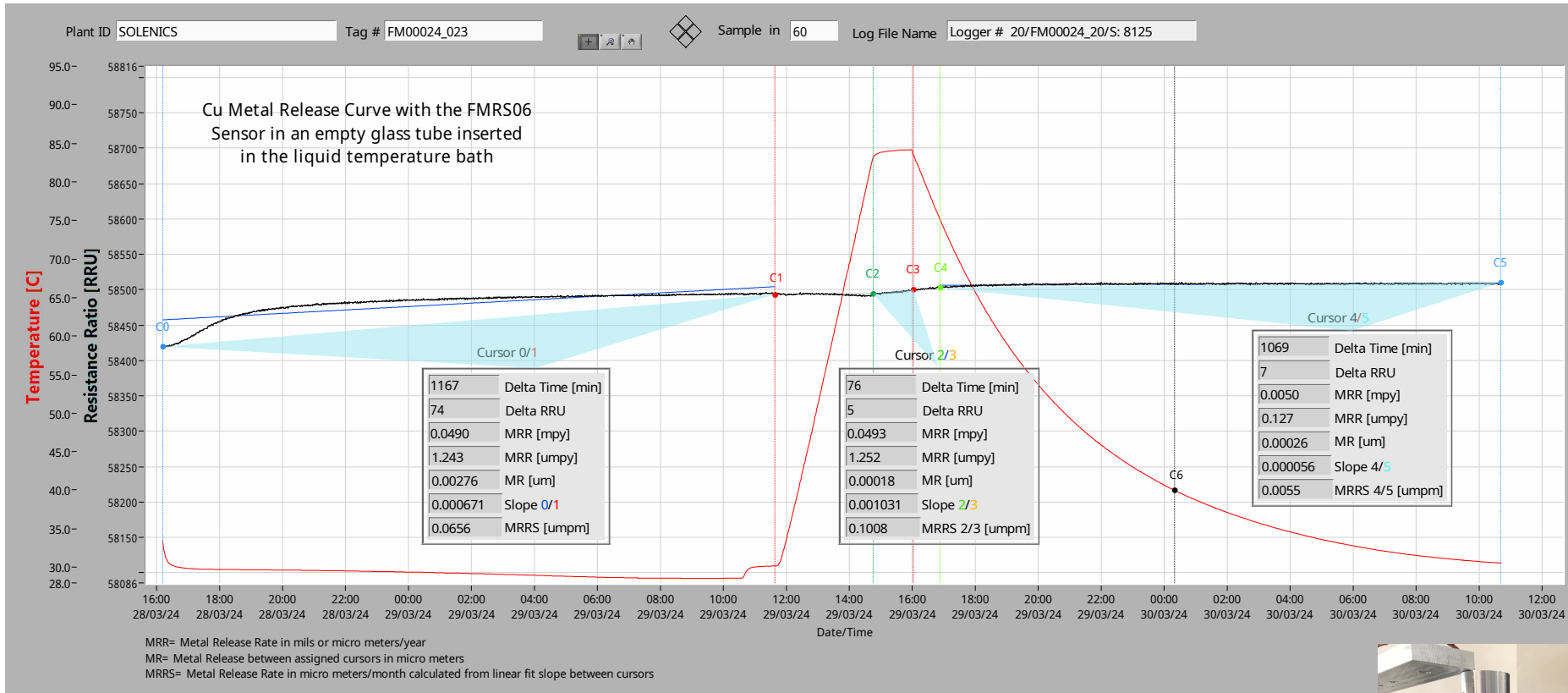
Sensor Cu Surface with Tarnish removed

FMRS06 Sensor in Ambient Air

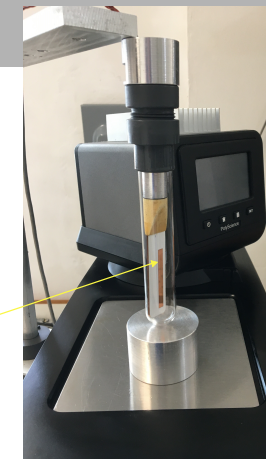


Environment: Ambient Air in Empty Test Cell
 Report #/Date: MRTR000/March 30, 2024
 Author: Eugen Tiefnig
 Sensor: FMRS06

Total Average Cu Release: ~3.4nm
 Average Tarnish Thickness: ~ 8nm
 Tarnish Composition: Primarily Cu₂O
 Total Exposure Period: 43 hours



Sensor Cu Surface with Tarnish removed
 Sensor Cu Surface after Exposure



FMRS06 Sensor in Empty Test Cell