

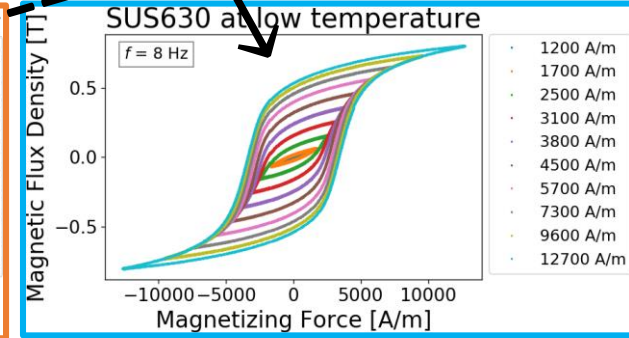
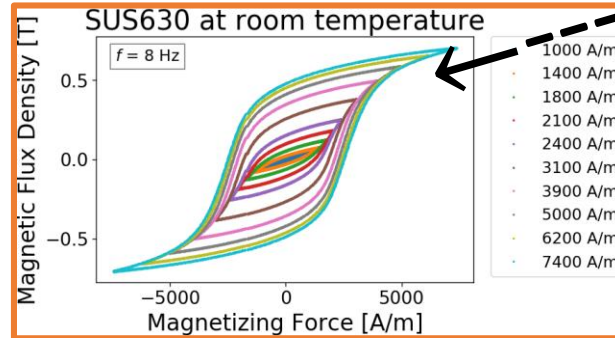
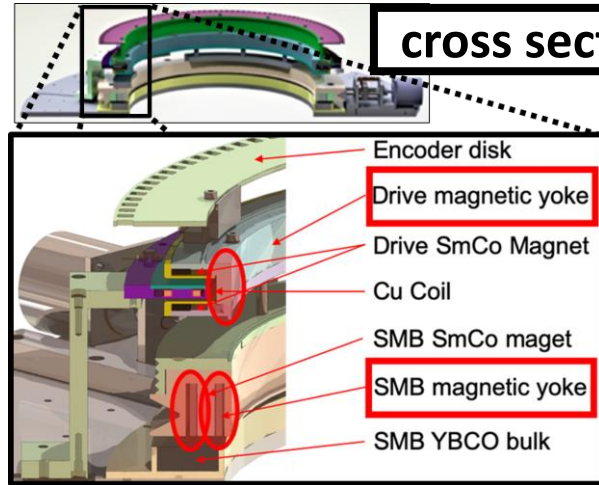
# Characterization of the energy loss of a ferromagnetic material for LiteBIRD polarization modulator

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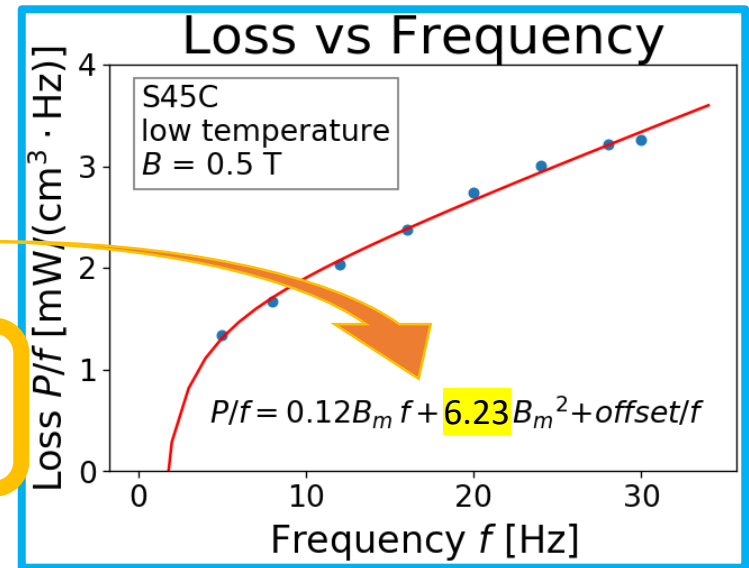
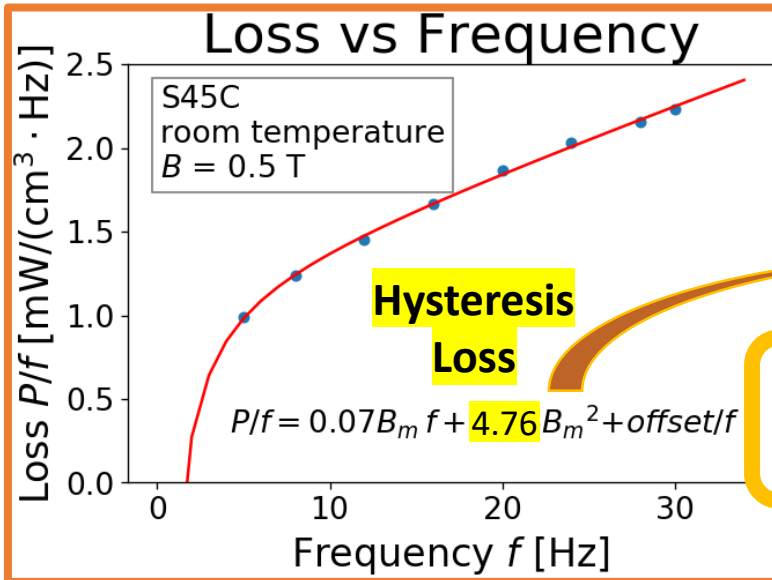
## cross section figure of PMU

We measured the hysteresis loop for two samples.



Room temperature

Low temperature



**31% increase !**