

Testing & Commissioning a New Klystron at the ALS - Lessons Learned

Thursday 10 May 2012 11:00 (30 minutes)

I will present the the issues that we encountered and ultimately overcame while testing and commissioning our new 300kW class klystron. Issues such as unexpected mod-anode PS ripple frequencies, HV electro-static shielding, correct biasing of the mod-anode electrode during a fast HV fault, HV turn-on transients, filament resistance changes, etc.

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