

Fri Oct 11 14:18:59 2024, Koji, Optics, Characterization, aLIGO OMC #3 cleaning [🔗](#)

➔ **Sun Oct 13 16:18:27 2024, Koji, Optics, Characterization, Further aLIGO OMC #3 cleaning** [🔗](#)

Message ID: 862 Entry time: Sun Oct 13 16:18:27 2024 In reply to: 860

Author:	Koji
Type:	Optics
Category:	Characterization
Subject:	Further aLIGO OMC #3 cleaning

This is about the activity at the 40m OMC setup

I continued to run more Deep Cleaning on the aLIGO OMC #3.
 Now, I set up posts to make the power measurements more stable.

The loss was measured to be 4.2+/- 0.1%

I reached the original level of the loss, and I declared the cavity was sufficiently clean.

OMC#3 is now a reasonable spare for aLIGO.

Attachment 1: [OMC_loss.pdf](#) 18 kB Uploaded Sun Oct 13 17:28:17 2024 | [Hide](#) | [Hide all](#)

