| Redmine Task# | Description | Planned work procedure | Work logs |
|---|---|---|---|
| | Power budget measurement on the IMC_REFL table <br> (and compare with the model and the past?) (Polarization?) | | |
| | Power budget measurement on the MCE_TRANS table <br> (and compare with the model and the past?) (Polarization?) | | |
| | Power budget measurement on the IMMT1_TRANS table <br> (and compare with the model and the past?) (Polarization?) (Without IFI?) | | |
| | Beam profile on the IMC_REFL table | | |
| | Beam profile on the MCE_TRANS table | | |
| | Beam profile on the IMMT1_TRANS table (Without IFI?) | | |
| | Noise budget of IMC-LSC; what can we check without the arm cavities? | | |
| | Confirm the control topology of IMC-LSC | | |
| | Measure finesse of IMC | | |
| | Measure absolute length (or FSR) of IMC | | |
| | (And the other characterization by referring <br> http://gwwiki.icrr.u-tokyo.ac.jp/JGWwiki/KAGRA/Commissioning/CommissioningWorkshop2017/IMCInfo ) though some of these are obsolete. | | |
| | (And the other characterization by referring Enomoto thesis, Table 6.1) https://klog.icrr.u-tokyo.ac.jp/osl/?r=9073, https://klog.icrr.u-tokyo.ac.jp/osl/?r=618 | | |
| | (And the other, if any, from https://thesis.library.caltech.edu/8899/ ) | | |
| | (Ref: https://gwdoc.icrr.u-tokyo.ac.jp/cgi-bin/private/DocDB/ShowDocument?docid=12594) | | |
| | (Ref: http://gwwiki.icrr.u-tokyo.ac.jp/JGWwiki/KAGRA/Subgroups/MIF/OpticalCharacterization) | | |
| | Noise budget of IMC-ASC | | |
| | Confirm the control topology of IMC-ASC | | |
| | IMC suspensions, actuator effeciency check with IMC-L -> VIS? | | |
| | IMC suspensions, actuator DoF diagonarization? with IMC-ASC???? -> VIS? or OPT? | | |
| | | | |
| | (Real-time model? Change from O3 to O4? including channel names?) | | |
| | (MEDM??) | | |
| | Final parameters (SDF?? github?) | | |
| | Guardian? | | |
| | Long-term stability? | | |
| | Electonics check on the tables, GND,... | | |
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