G12 Analysis Checklist

By checking the boxes below, I hereby confirm that I understood and applied the procedures in accordance with the g12 analysis note. I also understand that if a procedure in the analysis is not done in accordance with the g12 analysis procedures, the box will remain unchecked and a separate analysis procedure is required to be described in an individual analysis note.

- Used PART bank reconstruction for the analysis. EVNT was NOT used. ☐
- Momentum corrections as described in the g12 note. ☐
- Beam energy correction as described in the g12 note ☐
- Inclusive Good run list as described in table 7. Individual analysis may use a subset of it. ☐
- Target density and its uncertainty as described in the g12 note ☐
- Photon flux calculation procedure as described in the g12 note ☐
- Lower limit for the systematic uncertainty of normalized yield is 5.7% ☐
- Analysis uses polarization ☐
    - Photon polarization calculation procedure as described in the g12 note ☐
- Systematic uncertainty of the photon polarization as described in the g12 note. ☐

Processing of MC data

- gsim parameters ☐
- gpp smearing parameters ☐
- DC efficiency map ☐

Analysis uses Electro-magnetic Calorimeter information

    - EC knockout □
- Minimal TOF knockout □
- Lepton ID is used □
    - This is a Di-lepton analysis □