Process	Before preselection	After SL preselection (efficiency)
$\gamma\gamma$+jets	302978	542.5 (0.179%)
ttγ+jets	765	154.7 (20.2%)
γ+jet	830909	1061 (0.002%)
tt+jets	23.6	3.35 (81.4%)
ggF H$\to \gamma\gamma$	2226.7	2.56 (0.115%)
ttH$\to \gamma\gamma$	23.9	5.9 (24.7%)
VBF H$\to \gamma\gamma$	158.2	0.3712 (0.235%)
VH$\to \gamma\gamma$	85.6	10.1 (11.8%)
SL HH$\to$WW$\gamma\gamma$	0.3012	0.1044 (34.3%)