

Selection requirements	Model-independent		SUSY benchmark model		
	$Z\gamma \rightarrow \nu\bar{\nu}\gamma$	$\gamma$ +jet	$Z\gamma \rightarrow \nu\bar{\nu}\gamma$	$\gamma$ +jet	$m_{\tilde{\chi}_1^0} = 120 \text{ GeV}$
Number of jets $< 2$	0.909	0.769	—	—	—
$\Delta\phi(\gamma, \text{jet}) < 2.5$ radians	0.834	0.262	—	—	—
Transverse mass $> 100 \text{ GeV}$	—	—	0.867	0.292	0.829
$H_T < 100 \text{ GeV}$	—	—	0.785	0.188	0.804
$\tilde{E}_T^{\text{miss}} > 45 \text{ GeV}$	—	—	0.761	0.071	0.743
$\text{Prob}(\chi^2) < 10^{-3}$	—	—	0.626	0.033	0.467
$E_T^{\text{miss}}$ significance $> 20$	—	—	0.440	0.001	0.195
$\alpha > 1.2$	—	—	0.390	0.001	0.165
$E_T^\gamma < 60 \text{ GeV}$	—	—	0.074	0.0002	0.106