

Model	Parameter	Expected Limit	Observed Run-2 Limit
SSM $W' \rightarrow \tau\nu$	$m_{W'}$	4.8 TeV	4.8 TeV
NUGIM $\cot(\theta_E)=1$	$m_{W'}$	4.8 TeV	4.8 TeV
NUGIM $\cot(\theta_E)=5.5$	$m_{W'}$	2.3 TeV	2.1 TeV
EFT $\epsilon_L=0.3$	Signal strength	0.8	1.2
EFT $\epsilon_{SL}=1.0$	Signal strength	0.1	0.2
EFT $\epsilon_T=0.3$	Signal strength	0.5	1.0
LQ democratic, $g_U=1.0$	$m_{LQ}$	6.7 TeV	5.9 TeV
LQ Best-fit LH, $g_U=1.0$	$m_{LQ}$	145 GeV	205 GeV
LQ Best-fit LH, $g_U=2.5$	$m_{LQ}$	1.8 TeV	1.5 TeV
LQ Best-fit LH+RH, $g_U=1.0$	$m_{LQ}$	645 GeV	515 TeV
LQ Best-fit LH+RH, $g_U=2.5$	$m_{LQ}$	3.0 TeV	2.5 TeV
QBH	$m_{QBH}$	6.7 TeV	6.7 TeV