

Table 1: Intrinsic parameters of the simulation (at $t = 0$). $\Omega_{22,0}$ denotes the angular frequency of the $(l, m) = (2, 2)$ gravitational waves observed from the direction of the maximum emission. The spin orientation is defined by the angle between the black-hole spin and the direction of the maximum emission.

Mass ratio:	5
NS mass:	$1.35 M_{\odot}$
Total mass m_0 (isolate):	$8.1 M_{\odot}$
EoS:	MS1
Dimensionless spin parameter:	0.75
Angular frequency ($m_0\Omega_{22,0}$):	0.07249
Spin orientation (rad.):	1.040

Data files in “gwf_J/” are the $l = 2$ waveforms observed from the z -axis of the simulation (the initial total angular momentum of the system is set to direct $+z$). Data files in “gwf_Z/” are the $l = 2$ waveforms observed from the direction of the maximum emission at $t = 0$.

The first, second and third column in each data file denote the time normalized by m_0 , the real part of Dh_{lm}/m_0 , and the imaginary part of Dh_{lm}/m_0 , respectively.