Lagrangian density

$$\beta\, h_{\alpha\beta}\, h^{\alpha\beta} - \beta\, h^{\alpha}{}_{\alpha}\, h^{\beta}{}_{\beta} +$$

$$\frac{1}{2}\, \alpha\, \partial_{\beta} h^{\chi}{}_{\chi}\, \partial^{\beta} h^{\alpha}{}_{\alpha} + \alpha\, \partial_{\alpha} h^{\alpha\beta}\, \partial_{\chi} h_{\beta}{}^{\chi} -$$

$$\alpha\, \partial^{\beta} h^{\alpha}{}_{\alpha}\, \partial_{\chi} h_{\beta}{}^{\chi} - \frac{1}{2}\, \alpha\, \partial_{\chi} h_{\alpha\beta}\, \partial^{\chi} h^{\alpha\beta}$$

| Added source term: | $h^{\alpha\beta}\, \mathcal{T}_{\alpha\beta}$ |

	$\mathcal{T}_{1^-}^{\#1}{}_{\alpha}$
$\mathcal{T}_{1^-}^{\#1}\dagger^{\alpha}$	$\frac{1}{\beta}$

	$\mathcal{T}_{0^+}^{\#1}$	$\mathcal{T}_{0^+}^{\#2}$
$\mathcal{T}_{0^+}^{\#1}\dagger$	0	$-\frac{1}{\sqrt{3}\,\beta}$
$\mathcal{T}_{0^+}^{\#2}\dagger$	$-\frac{1}{\sqrt{3}\,\beta}$	$\frac{2\,\beta - \alpha\,k^2}{3\,\beta^2}$

(No source constraints)

	$h_{1^-}^{\#1}{}_{\alpha}$
$h_{1^-}^{\#1}\dagger^{\alpha}$	β

	$h_{0^+}^{\#1}$	$h_{0^+}^{\#2}$
$h_{0^+}^{\#1}\dagger$	$-2\,\beta + \alpha\,k^2$	$-\sqrt{3}\,\beta$
$h_{0^+}^{\#2}\dagger$	$-\sqrt{3}\,\beta$	0

	$\mathcal{T}_{2^+}^{\#1}{}_{\alpha\beta}$
$\mathcal{T}_{2^+}^{\#1}\dagger^{\alpha\beta}$	$\frac{1}{\beta - \frac{\alpha\,k^2}{2}}$

	$h_{2^+}^{\#1}{}_{\alpha\beta}$
$h_{2^+}^{\#1}\dagger^{\alpha\beta}$	$\beta - \frac{\alpha\,k^2}{2}$

Massive particle	
Pole residue:	$-\frac{2}{\alpha} > 0$
Polarisations:	5
Square mass:	$\frac{2\,\beta}{\alpha} > 0$
Spin:	2
Parity:	Even

$J^P = 2^+$

$\vec{k}^{\mu}$

(No massless particles)

Unitarity conditions $\alpha < 0\ \&\&\ \beta < 0$