Lagrangian density

$-\beta\,\phi^2 + \alpha\,\partial_\alpha\phi\,\partial^\alpha\phi$

Added source term: $\phi\,\rho$

(No source constraints)

$\phi_{0^+}^{\#1} \; \boxed{-\beta + \alpha k^2} \; \phi_{0^+}^{\#1}$

$\rho_{0^+}^{\#1} \; \boxed{\frac{1}{-\beta+\alpha k^2}} \; \rho_{0^+}^{\#1}$

Massive particle	
Pole residue:	$\frac{1}{\alpha} > 0$
Polarisations:	1
Square mass:	$\frac{\beta}{\alpha} > 0$
Spin:	0
Parity:	Even

Unitarity conditions

$\alpha > 0$ && $\beta > 0$

(No massless particles)