PSALTer results panel

$$\mathcal{S} == \iiiint\left(\frac{1}{16}\left(8\,a_{0}\,\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta}\,\mathcal{A}^{\chi}{}_{\beta\chi} - 8\,\mathcal{A}^{\alpha\beta\chi}\left(a_{0}\,\mathcal{A}_{\beta\chi\alpha} - 2\,\mathcal{W}_{\alpha\beta\chi}\right) + 16\,\mathcal{T}^{\alpha\beta}\,h_{\alpha\beta} - 4\,a_{0}\,h^{\chi}{}_{\chi}\,\partial_{\beta}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} + 4\,a_{0}\,h^{\chi}{}_{\chi}\,\partial_{\beta}\mathcal{A}^{\alpha\beta}{}_{\alpha} - 8\,a_{0}\,h_{\alpha\chi}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi} + 2\,c_{4}\,\partial^{\alpha}\mathcal{A}^{\chi}{}_{\chi}{}^{\delta}\,\partial_{\beta}\mathcal{A}_{\delta\alpha}{}^{\beta} - 2\,c_{4}\,\partial^{\alpha}\mathcal{A}^{\chi\delta}{}_{\chi}\,\partial_{\beta}\mathcal{A}_{\delta\alpha}{}^{\beta} + 8\,a_{0}\,h_{\beta\chi}\,\partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} - 2\,c_{4}\,\partial_{\beta}\mathcal{A}^{\delta}{}_{\chi\delta}\,\partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} + c_{4}\,\partial_{\beta}\mathcal{A}^{\delta}{}_{\delta\chi}\,\partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} + 2\,c_{4}\,\partial_{\chi}\mathcal{A}^{\delta}{}_{\beta\delta}\,\partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} - c_{4}\,\partial_{\chi}\mathcal{A}^{\delta}{}_{\delta\beta}\,\partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} + c_{4}\,\partial_{\beta}\mathcal{A}^{\delta}{}_{\chi\delta}\,\partial^{\chi}\mathcal{A}^{\alpha\beta}{}_{\alpha} - c_{4}\,\partial_{\chi}\mathcal{A}^{\delta}{}_{\beta\delta}\,\partial^{\chi}\mathcal{A}^{\alpha\beta}{}_{\alpha} - c_{4}\,\partial_{\chi}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}_{\alpha\beta}{}^{\delta} + 2\,c_{4}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}_{\alpha\chi}{}^{\delta} - c_{4}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}_{\alpha}{}^{\delta}{}_{\chi} + 2\,c_{4}\,\partial^{\chi}\mathcal{A}_{\beta\alpha}{}^{\beta}\,\partial_{\delta}\mathcal{A}^{\alpha\delta}{}_{\chi} + c_{4}\,\partial_{\chi}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}_{\beta\alpha}{}^{\delta} - 2\,c_{4}\,\partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta}\,\partial_{\delta}\mathcal{A}_{\beta}{}^{\delta}{}_{\chi} - 2\,c_{4}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}_{\chi\alpha}{}^{\delta} + c_{4}\,\partial^{\chi}\mathcal{A}^{\alpha\beta}{}_{\alpha}\,\partial_{\delta}\mathcal{A}_{\chi\beta}{}^{\delta} + c_{4}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}_{\chi}{}^{\delta}{}_{\alpha} - 2\,c_{4}\,\partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta}\,\partial_{\delta}\mathcal{A}_{\chi}{}^{\delta}{}_{\beta} + c_{4}\,\partial_{\beta}\mathcal{A}_{\delta\alpha}{}^{\beta}\,\partial^{\delta}\mathcal{A}^{\chi\alpha}{}_{\chi} - 2\,c_{4}\,\partial_{\beta}\mathcal{A}_{\delta\alpha}{}^{\beta}\,\partial^{\delta}\mathcal{A}^{\chi}{}_{\chi}{}^{\alpha}\right)\right)[t, x, y, z]\,dz\,dy\,dx\,dt$$

Wave operator

	$0^+_\cdot h^\perp$	$0^+_\cdot h^\parallel$	$0^+_\cdot \mathcal{A}_a{}^\parallel$	$0^+_\cdot \mathcal{A}_s{}^{\perp t}$	$0^+_\cdot \mathcal{A}_s{}^\parallel$	$0^+_\cdot \mathcal{A}_s{}^{\perp h}$	$0^-_\cdot \mathcal{A}_a{}^\parallel$
$0^+_\cdot h^\perp\,\dagger$	0	0	0	0	$\frac{i\,a_{0}\,k}{4}$	$-\frac{i\,a_{0}\,k}{4\sqrt{2}}$	0
$0^+_\cdot h^\parallel\,\dagger$	0	0	$\frac{i\,a_{0}\,k}{2\sqrt{2}}$	0	$-\frac{i\,a_{0}\,k}{4\sqrt{3}}$	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0
$0^+_\cdot \mathcal{A}_a{}^\parallel\,\dagger$	0	$-\frac{i\,a_{0}\,k}{2\sqrt{2}}$	$-\frac{a_{\dot{0}}}{2}$	0	0	0	0
$0^+_\cdot \mathcal{A}_s{}^{\perp t}\,\dagger$	0	0	0	0	$\frac{a_{0}}{2}$	$-\frac{a_{\dot{0}}}{2\sqrt{2}}$	0
$0^+_\cdot \mathcal{A}_s{}^\parallel\,\dagger$	$-\frac{1}{4}\,i\,a_{0}\,k$	$\frac{i\,a_{0}\,k}{4\sqrt{3}}$	0	$\frac{a_{0}}{2}$	0	$-\frac{a_{0}}{2\sqrt{2}}$	0
$0^+_\cdot \mathcal{A}_s{}^{\perp h}\,\dagger$	$\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	$-\frac{a_{\dot{0}}}{2\sqrt{2}}$	$-\frac{a_{\dot{0}}}{2\sqrt{2}}$	$\frac{a_{0}}{2}$	0
$0^-_\cdot \mathcal{A}_a{}^\parallel\,\dagger$	0	0	0	0	0	0	$-\frac{a_{\dot{0}}}{2}$

	$1^+_\cdot \mathcal{A}_a{}^\parallel{}_{\alpha\beta}$	$1^+_\cdot \mathcal{A}_a{}^\perp{}_{\alpha\beta}$	$1^+_\cdot \mathcal{A}_s{}^\perp{}_{\alpha\beta}$	$1^-_\cdot h^\perp{}_\alpha$	$1^-_\cdot \mathcal{A}_a{}^\parallel{}_\alpha$	$1^-_\cdot \mathcal{A}_a{}^\perp{}_\alpha$	$1^-_\cdot \mathcal{A}_s{}^{\perp t}{}_\alpha$	$1^-_\cdot \mathcal{A}_s{}^{\parallel t}{}_\alpha$	$1^-_\cdot \mathcal{A}_s{}^{\perp h}{}_\alpha$	$1^-_\cdot \mathcal{A}_s{}^{\parallel h}{}_\alpha$
$1^+_\cdot \mathcal{A}_a{}^\parallel\,\dagger^{\alpha\beta}$	$\frac{1}{4}\left(-a_{0} - c_{4}\,k^2\right)$	$-\frac{a_{\dot{0}}}{2\sqrt{2}}$	0	0	0	0	0	0	0	0
$1^+_\cdot \mathcal{A}_a{}^\perp\,\dagger^{\alpha\beta}$	$-\frac{a_{\dot{0}}}{2\sqrt{2}}$	0	0	0	0	0	0	0	0	0
$1^+_\cdot \mathcal{A}_s{}^\perp\,\dagger^{\alpha\beta}$	0	0	$\frac{a_{\dot{0}}}{4}$	0	0	0	0	0	0	0
$1^-_\cdot h^\perp\,\dagger^{\alpha}$	0	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{2}}$	0	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$	$\frac{1}{4}\,i\,\sqrt{\frac{5}{6}}\,a_{0}\,k$	$-\frac{i\,a_{0}\,k}{4\sqrt{3}}$	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$
$1^-_\cdot \mathcal{A}_a{}^\parallel\,\dagger^{\alpha}$	0	0	0	$-\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$\frac{1}{4}\left(-a_{0} - c_{4}\,k^2\right)$	$\frac{a_{\dot{0}}}{2\sqrt{2}}$	0	0	0	0
$1^-_\cdot \mathcal{A}_a{}^\perp\,\dagger^{\alpha}$	0	0	0	0	$\frac{a_{\dot{0}}}{2\sqrt{2}}$	0	0	0	0	0
$1^-_\cdot \mathcal{A}_s{}^{\perp t}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	0	$-\frac{a_{\dot{0}}}{3}$	$\frac{\sqrt{5}\,a_{0}}{6}$	$-\frac{a_{\dot{0}}}{6\sqrt{2}}$	$-\frac{a_{\dot{0}}}{6}$
$1^-_\cdot \mathcal{A}_s{}^{\parallel t}\,\dagger^{\alpha}$	0	0	0	$-\frac{1}{4}\,i\,\sqrt{\frac{5}{6}}\,a_{0}\,k$	0	0	$\frac{\sqrt{5}\,a_{0}}{6}$	$\frac{a_{\dot{0}}}{3}$	$-\frac{1}{6}\,\sqrt{\frac{5}{2}}\,a_{0}$	$-\frac{\sqrt{5}\,a_{0}}{6}$
$1^-_\cdot \mathcal{A}_s{}^{\perp h}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{3}}$	0	0	$-\frac{a_{\dot{0}}}{6\sqrt{2}}$	$-\frac{1}{6}\,\sqrt{\frac{5}{2}}\,a_{0}$	$\frac{a_{\dot{0}}}{3}$	$\frac{a_{\dot{0}}}{6\sqrt{2}}$
$1^-_\cdot \mathcal{A}_s{}^{\parallel h}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	0	$-\frac{a_{\dot{0}}}{6}$	$-\frac{\sqrt{5}\,a_{0}}{6}$	$\frac{a_{\dot{0}}}{6\sqrt{2}}$	$\frac{5\,a_{\dot{0}}}{12}$

	$2^+_\cdot h^\parallel{}_{\alpha\beta}$	$2^+_\cdot \mathcal{A}_a{}^\parallel{}_{\alpha\beta}$	$2^+_\cdot \mathcal{A}_s{}^\parallel{}_{\alpha\beta}$	$2^+_\cdot \mathcal{A}_s{}^\perp{}_{\alpha\beta}$	$2^-_\cdot \mathcal{A}_a{}^\parallel{}_{\alpha\beta\chi}$	$2^-_\cdot \mathcal{A}_s{}^\parallel{}_{\alpha\beta\chi}$
$2^+_\cdot h^\parallel\,\dagger^{\alpha\beta}$	0	$-\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$-\frac{i\,a_{0}\,k}{4\sqrt{3}}$	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	0
$2^+_\cdot \mathcal{A}_a{}^\parallel\,\dagger^{\alpha\beta}$	$\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$\frac{a_{\dot{0}}}{4}$	0	0	0	0
$2^+_\cdot \mathcal{A}_s{}^\parallel\,\dagger^{\alpha\beta}$	$\frac{i\,a_{0}\,k}{4\sqrt{3}}$	0	$-\frac{a_{\dot{0}}}{2}$	0	0	0
$2^+_\cdot \mathcal{A}_s{}^\perp\,\dagger^{\alpha\beta}$	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	0	$\frac{a_{\dot{0}}}{4}$	0	0
$2^-_\cdot \mathcal{A}_a{}^\parallel\,\dagger^{\alpha\beta\chi}$	0	0	0	0	$\frac{a_{\dot{0}}}{4}$	0
$2^-_\cdot \mathcal{A}_s{}^\parallel\,\dagger^{\alpha\beta\chi}$	0	0	0	0	0	$\frac{a_{\dot{0}}}{4}$

	$3^-_\cdot \mathcal{A}_s{}^\parallel{}_{\alpha\beta\chi}$
$3^-_\cdot \mathcal{A}_s{}^\parallel\,\dagger^{\alpha\beta\chi}$	$-\frac{a_{\dot{0}}}{2}$

Saturated propagator

	$0^+_\cdot \mathcal{T}^\perp$	$0^+_\cdot \mathcal{T}^\parallel$	$0^+_\cdot \mathcal{W}_a{}^\parallel$	$0^+_\cdot \mathcal{W}_s{}^{\perp t}$	$0^+_\cdot \mathcal{W}_s{}^\parallel$	$0^+_\cdot \mathcal{W}_s{}^{\perp h}$	$0^-_\cdot \mathcal{W}_a{}^\parallel$
$0^+_\cdot \mathcal{T}^\perp\,\dagger$	$-\frac{36\,k^2}{a_{0}\left(16+3\,k^2\right)^2}$	$\frac{4\sqrt{3}}{16\,a_{0}+3\,a_{0}\,k^2}$	$\frac{2\,i\,\sqrt{6}\,k}{16\,a_{0}+3\,a_{0}\,k^2}$	$-\frac{72\,i\,k}{a_{0}\left(16+3\,k^2\right)^2}$	$\frac{8\,i\,k\left(19+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	$-\frac{4\,i\,\sqrt{2}\,k\left(10+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	0
$0^+_\cdot \mathcal{T}^\parallel\,\dagger$	$\frac{4\sqrt{3}}{16\,a_{0}+3\,a_{0}\,k^2}$	$\frac{4}{a_{0}\,k^2}$	$\frac{2\,i\,\sqrt{2}}{a_{0}\,k}$	$\frac{8\,i\,\sqrt{3}}{16\,a_{0}\,k+3\,a_{0}\,k^3}$	$-\frac{8\,i}{\sqrt{3}\left(16\,a_{0}\,k+3\,a_{0}\,k^3\right)}$	$-\frac{8\,i\,\sqrt{\frac{2}{3}}}{16\,a_{0}\,k+3\,a_{0}\,k^3}$	0
$0^+_\cdot \mathcal{W}_a{}^\parallel\,\dagger$	$-\frac{2\,i\,\sqrt{6}\,k}{16\,a_{0}+3\,a_{0}\,k^2}$	$-\frac{2\,i\,\sqrt{2}}{a_{0}\,k}$	0	$\frac{4\sqrt{6}}{16\,a_{0}+3\,a_{0}\,k^2}$	$-\frac{4\,\sqrt{\frac{2}{3}}}{16\,a_{0}+3\,a_{0}\,k^2}$	$-\frac{8}{\sqrt{3}\left(16\,a_{0}+3\,a_{0}\,k^2\right)}$	0
$0^+_\cdot \mathcal{W}_s{}^{\perp t}\,\dagger$	$\frac{72\,i\,k}{a_{0}\left(16+3\,k^2\right)^2}$	$-\frac{8\,i\,\sqrt{3}}{16\,a_{0}\,k+3\,a_{0}\,k^3}$	$\frac{4\sqrt{6}}{16\,a_{0}+3\,a_{0}\,k^2}$	$-\frac{144}{a_{0}\left(16+3\,k^2\right)^2}$	$\frac{16\left(19+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	$-\frac{8\,\sqrt{2}\left(10+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	0
$0^+_\cdot \mathcal{W}_s{}^\parallel\,\dagger$	$-\frac{8\,i\,k\left(19+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	$\frac{8\,i}{\sqrt{3}\left(16\,a_{0}\,k+3\,a_{0}\,k^3\right)}$	$-\frac{4\,\sqrt{\frac{2}{3}}}{16\,a_{0}+3\,a_{0}\,k^2}$	$\frac{16\left(19+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	$-\frac{16\left(35+6\,k^2\right)}{3\,a_{0}\left(16+3\,k^2\right)^2}$	$-\frac{8\,\sqrt{2}\left(22+3\,k^2\right)}{3\,a_{0}\left(16+3\,k^2\right)^2}$	0
$0^+_\cdot \mathcal{W}_s{}^{\perp h}\,\dagger$	$\frac{4\,i\,\sqrt{2}\,k\left(10+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	$\frac{8\,i\,\sqrt{\frac{2}{3}}}{16\,a_{0}\,k+3\,a_{0}\,k^3}$	$-\frac{8}{\sqrt{3}\left(16\,a_{0}+3\,a_{0}\,k^2\right)}$	$-\frac{8\,\sqrt{2}\left(10+3\,k^2\right)}{a_{0}\left(16+3\,k^2\right)^2}$	$-\frac{8\,\sqrt{2}\left(22+3\,k^2\right)}{3\,a_{0}\left(16+3\,k^2\right)^2}$	$\frac{32\left(13+3\,k^2\right)}{3\,a_{0}\left(16+3\,k^2\right)^2}$	0
$0^-_\cdot \mathcal{W}_a{}^\parallel\,\dagger$	0	0	0	0	0	0	$-\frac{2}{a_{\dot{0}}}$

	$1^+_\cdot \mathcal{W}_a{}^\parallel{}_{\alpha\beta}$	$1^+_\cdot \mathcal{W}_a{}^\perp{}_{\alpha\beta}$	$1^+_\cdot \mathcal{W}_s{}^\perp{}_{\alpha\beta}$	$1^-_\cdot \mathcal{T}^\perp{}_\alpha$	$1^-_\cdot \mathcal{W}_a{}^\parallel{}_\alpha$	$1^-_\cdot \mathcal{W}_a{}^\perp{}_\alpha$	$1^-_\cdot \mathcal{W}_s{}^{\perp t}{}_\alpha$	$1^-_\cdot \mathcal{W}_s{}^{\parallel t}{}_\alpha$	$1^-_\cdot \mathcal{W}_s{}^{\perp h}{}_\alpha$	$1^-_\cdot \mathcal{W}_s{}^{\parallel h}{}_\alpha$
$1^+_\cdot \mathcal{W}_a{}^\parallel\,\dagger^{\alpha\beta}$	0	$-\frac{2\,\sqrt{2}}{a_{\dot{0}}}$	0	0	0	0	0	0	0	0
$1^+_\cdot \mathcal{W}_a{}^\perp\,\dagger^{\alpha\beta}$	$-\frac{2\,\sqrt{2}}{a_{\dot{0}}}$	$\frac{2\left(a_{0}+c_{4}\,k^2\right)}{a_{\dot{0}}^2}$	0	0	0	0	0	0	0	0
$1^+_\cdot \mathcal{W}_s{}^\perp\,\dagger^{\alpha\beta}$	0	0	$\frac{4}{a_{\dot{0}}}$	0	0	0	0	0	0	0
$1^-_\cdot \mathcal{T}^\perp\,\dagger^{\alpha}$	0	0	0	$\frac{2\,k^2\left(a_{0}+c_{4}\,k^2\right)}{a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{2\,i\,\sqrt{2}\,k}{2\,a_{0}+a_{0}\,k^2}$	$\frac{i\,k\left(4+k^2\right)\left(a_{0}+c_{4}\,k^2\right)}{a_{\dot{0}}^2\left(2+k^2\right)^2}$	$-\frac{i\left(2\,c_{4}\,k^5+a_{0}\,k\left(6+5\,k^2\right)\right)}{\sqrt{6}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{i\,\sqrt{\frac{5}{6}}\,k}{2\,a_{0}+a_{0}\,k^2}$	$\frac{i\,k\left(c_{4}\,k^4-2\,a_{0}\left(3+k^2\right)\right)}{\sqrt{3}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{i\,\sqrt{\frac{2}{3}}\,k}{2\,a_{0}+a_{0}\,k^2}$
$1^-_\cdot \mathcal{W}_a{}^\parallel\,\dagger^{\alpha}$	0	0	0	$-\frac{2\,i\,\sqrt{2}\,k}{2\,a_{0}+a_{0}\,k^2}$	0	$\frac{\sqrt{2}\,\left(4+k^2\right)}{a_{\dot{0}}\left(2+k^2\right)}$	$-\frac{2\,k^2}{\sqrt{3}\left(2\,a_{0}+a_{0}\,k^2\right)}$	0	$\frac{\sqrt{\frac{2}{3}}\,k^2}{2\,a_{0}+a_{0}\,k^2}$	0
$1^-_\cdot \mathcal{W}_a{}^\perp\,\dagger^{\alpha}$	0	0	0	$-\frac{i\,k\left(4+k^2\right)\left(a_{0}+c_{4}\,k^2\right)}{a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{\sqrt{2}\,\left(4+k^2\right)}{a_{\dot{0}}\left(2+k^2\right)}$	$\frac{\left(4+k^2\right)^2\left(a_{0}+c_{4}\,k^2\right)}{2\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{k^2\left(a_{0}\left(-2+k^2\right)-2\,c_{4}\,k^2\left(4+k^2\right)\right)}{2\,\sqrt{6}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$-\frac{\sqrt{\frac{5}{6}}\,k^2}{4\,a_{0}+2\,a_{0}\,k^2}$	$\frac{10\,a_{0}\,k^2+4\left(a_{0}+c_{4}\right)k^4+c_{4}\,k^6}{2\,\sqrt{3}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$-\frac{k^2}{\sqrt{6}\left(2\,a_{0}+a_{0}\,k^2\right)}$
$1^-_\cdot \mathcal{W}_s{}^{\perp t}\,\dagger^{\alpha}$	0	0	0	$\frac{i\left(2\,c_{4}\,k^5+a_{0}\,k\left(6+5\,k^2\right)\right)}{\sqrt{6}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$-\frac{2\,k^2}{\sqrt{3}\left(2\,a_{0}+a_{0}\,k^2\right)}$	$\frac{k^2\left(a_{0}\left(-2+k^2\right)-2\,c_{4}\,k^2\left(4+k^2\right)\right)}{2\,\sqrt{6}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{4\,c_{4}\,k^6-a_{0}\left(76+52\,k^2+3\,k^4\right)}{12\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{\sqrt{5}\left(10+3\,k^2\right)}{12\,a_{0}\left(2+k^2\right)}$	$\frac{-c_{4}\,k^6+a_{0}\left(-2+k^2\right)}{3\,\sqrt{2}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{1}{-2\,a_{\dot{0}}-\frac{8\,a_{0}}{2+3\,k^2}}$
$1^-_\cdot \mathcal{W}_s{}^{\parallel t}\,\dagger^{\alpha}$	0	0	0	$-\frac{i\,\sqrt{\frac{5}{6}}\,k}{2\,a_{0}+a_{0}\,k^2}$	0	$-\frac{\sqrt{\frac{5}{6}}\,k^2}{4\,a_{0}+2\,a_{0}\,k^2}$	$\frac{\sqrt{5}\left(10+3\,k^2\right)}{12\,a_{0}\left(2+k^2\right)}$	$\frac{1}{12\,a_{0}}$	$-\frac{\sqrt{\frac{5}{2}}}{6\,a_{0}+3\,a_{0}\,k^2}$	$-\frac{\sqrt{5}}{6\,a_{0}}$
$1^-_\cdot \mathcal{W}_s{}^{\perp h}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,k\left(-c_{4}\,k^4+2\,a_{0}\left(3+k^2\right)\right)}{\sqrt{3}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{\sqrt{\frac{2}{3}}\,k^2}{2\,a_{0}+a_{0}\,k^2}$	$\frac{10\,a_{0}\,k^2+4\left(a_{0}+c_{4}\right)k^4+c_{4}\,k^6}{2\,\sqrt{3}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$\frac{-c_{4}\,k^6+a_{0}\left(-2+k^2\right)}{3\,\sqrt{2}\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$-\frac{\sqrt{\frac{5}{2}}}{6\,a_{0}+3\,a_{0}\,k^2}$	$\frac{c_{4}\,k^6+4\,a_{0}\left(17+14\,k^2+3\,k^4\right)}{6\,a_{\dot{0}}^2\left(2+k^2\right)^2}$	$-\frac{\sqrt{2}\left(7+3\,k^2\right)}{3\,a_{0}\left(2+k^2\right)}$
$1^-_\cdot \mathcal{W}_s{}^{\parallel h}\,\dagger^{\alpha}$	0	0	0	$-\frac{i\,\sqrt{\frac{2}{3}}\,k}{2\,a_{0}+a_{0}\,k^2}$	0	$-\frac{k^2}{\sqrt{6}\left(2\,a_{0}+a_{0}\,k^2\right)}$	$\frac{1}{-2\,a_{\dot{0}}-\frac{8\,a_{0}}{2+3\,k^2}}$	$-\frac{\sqrt{5}}{6\,a_{0}}$	$-\frac{\sqrt{2}\left(7+3\,k^2\right)}{3\,a_{0}\left(2+k^2\right)}$	$\frac{5}{3\,a_{0}}$

	$2^+_\cdot \mathcal{T}^\parallel{}_{\alpha\beta}$	$2^+_\cdot \mathcal{W}_a{}^\parallel{}_{\alpha\beta}$	$2^+_\cdot \mathcal{W}_s{}^\parallel{}_{\alpha\beta}$	$2^+_\cdot \mathcal{W}_s{}^\perp{}_{\alpha\beta}$	$2^-_\cdot \mathcal{W}_a{}^\parallel{}_{\alpha\beta\chi}$	$2^-_\cdot \mathcal{W}_s{}^\parallel{}_{\alpha\beta\chi}$
$2^+_\cdot \mathcal{T}^\parallel\,\dagger^{\alpha\beta}$	$-\frac{8}{a_{0}\,k^2}$	$-\frac{4\,i\,\sqrt{2}}{a_{0}\,k}$	$\frac{4\,i}{\sqrt{3}\,a_{0}\,k}$	$\frac{4\,i\,\sqrt{\frac{2}{3}}}{a_{0}\,k}$	0	0
$2^+_\cdot \mathcal{W}_a{}^\parallel\,\dagger^{\alpha\beta}$	$\frac{4\,i\,\sqrt{2}}{a_{0}\,k}$	0	$\frac{2\,\sqrt{\frac{2}{3}}}{a_{\dot{0}}}$	$\frac{4}{\sqrt{3}\,a_{0}}$	0	0
$2^+_\cdot \mathcal{W}_s{}^\parallel\,\dagger^{\alpha\beta}$	$-\frac{4\,i}{\sqrt{3}\,a_{0}\,k}$	$\frac{2\,\sqrt{\frac{2}{3}}}{a_{\dot{0}}}$	$-\frac{8}{3\,a_{\dot{0}}}$	$-\frac{2\,\sqrt{2}}{3\,a_{0}}$	0	0
$2^+_\cdot \mathcal{W}_s{}^\perp\,\dagger^{\alpha\beta}$	$-\frac{4\,i\,\sqrt{\frac{2}{3}}}{a_{0}\,k}$	$\frac{4}{\sqrt{3}\,a_{0}}$	$-\frac{2\,\sqrt{2}}{3\,a_{\dot{0}}}$	$\frac{8}{3\,a_{0}}$	0	0
$2^-_\cdot \mathcal{W}_a{}^\parallel\,\dagger^{\alpha\beta\chi}$	0	0	0	0	$\frac{4}{a_{\dot{0}}}$	0
$2^-_\cdot \mathcal{W}_s{}^\parallel\,\dagger^{\alpha\beta\chi}$	0	0	0	0	0	$\frac{4}{a_{\dot{0}}}$

	$3^-_\cdot \mathcal{W}_s{}^\parallel{}_{\alpha\beta\chi}$
$3^-_\cdot \mathcal{W}_s{}^\parallel\,\dagger^{\alpha\beta\chi}$	$-\frac{2}{a_{\dot{0}}}$

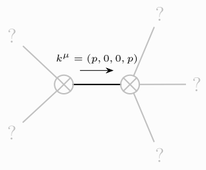
Source constraints

Spin-parity form	Covariant form	Multiplicities
$k\,{}^{0^+}_{\cdot}\mathcal{W}_s{}^\parallel + 2\,k\,{}^{0^+}_{\cdot}\mathcal{W}_s{}^{\perp h} - 6\,i\,{}^{0^+}_{\cdot}\mathcal{T}^\perp == 0$	$2\,\partial_\beta\partial_\alpha\mathcal{T}^{\alpha\beta} + \partial_\chi\partial^\chi\partial_\alpha\mathcal{W}^{\alpha\beta}{}_\beta == \partial_\chi\partial_\beta\partial_\alpha\mathcal{W}^{\alpha\beta\chi}$	1
$k\,{}^{0^+}_{\cdot}\mathcal{W}_s{}^{\perp t} + 2\,i\,{}^{0^+}_{\cdot}\mathcal{T}^\perp == 0$	$2\,\partial_\beta\partial_\alpha\mathcal{T}^{\alpha\beta} == \partial_\chi\partial_\beta\partial_\alpha\mathcal{W}^{\alpha\beta\chi}$	1
$6\,k\,{}^{1^-}_{\cdot}\mathcal{W}_a{}^\perp{}^\alpha + 2\,k\,{}^{1^-}_{\cdot}\mathcal{W}_s{}^{\parallel h}{}^\alpha + k\,{}^{1^-}_{\cdot}\mathcal{W}_s{}^{\parallel t}{}^\alpha + 3\,k\,{}^{1^-}_{\cdot}\mathcal{W}_s{}^{\perp t}{}^\alpha + 12\,i\,{}^{1^-}_{\cdot}\mathcal{T}^\perp{}^\alpha == 0$	$4\,\partial_\chi\partial_\beta\partial^\alpha\mathcal{T}^{\beta\chi} + 2\,\partial_\delta\partial^\delta\partial_\chi\partial_\beta\mathcal{W}^{\beta\alpha\chi} + \partial_\delta\partial^\delta\partial_\chi\partial^\chi\mathcal{W}^{\alpha\beta}{}_\beta == 4\,\partial_\chi\partial^\chi\partial_\beta\mathcal{T}^{\alpha\beta} + 2\,\partial_\delta\partial_\chi\partial_\beta\partial^\alpha\mathcal{W}^{\beta\chi\delta} + \partial_\delta\partial^\delta\partial_\beta\partial^\alpha\mathcal{W}^{\beta\chi}{}_\chi$	3
$k\,{}^{1^-}_{\cdot}\mathcal{W}_s{}^{\perp h}{}^\alpha - 6\,i\,{}^{1^-}_{\cdot}\mathcal{T}^\perp{}^\alpha == k\left(3\,{}^{1^-}_{\cdot}\mathcal{W}_a{}^\perp{}^\alpha + {}^{1^-}_{\cdot}\mathcal{W}_s{}^{\perp t}{}^\alpha\right)$	$2\,\partial_\chi\partial_\beta\partial^\alpha\mathcal{T}^{\beta\chi} + \partial_\delta\partial^\delta\partial_\chi\partial_\beta\mathcal{W}^{\beta\alpha\chi} == 2\,\partial_\chi\partial^\chi\partial_\beta\mathcal{T}^{\alpha\beta} + \partial_\delta\partial_\chi\partial_\beta\partial^\alpha\mathcal{W}^{\beta\chi\delta}$	3
Total expected gauge generators:		8

Massive spectrum

(There are no massive particles)

Massless spectrum



Massless particle

Pole residue:	$-\frac{p^2}{a_{\dot{0}}} > 0$
Polarisations:	2

Gauge symmetries

(Not yet implemented in PSALTer)

Unitarity conditions

$a_{\dot{0}} < 0$

Validity assumptions

(Not yet implemented in PSALTer)