$ au_1^{\#2}$	0	0	0	$-\frac{i}{k(1+2k^2)(2r_3+r_5)}$	$\frac{i(6k^2(2r_3+r_5)+t_1)}{\sqrt{2}k(1+2k^2)^2(2r_3+r_5)t_1}$	0	$\frac{6k^2(2r_3+r_5)+t_1}{(1+2k^2)^2(2r_3+r_5)t_1}$
$\tau_{1}^{\#1}{}_{\alpha}$	0	0	0	0	0	0	0
$\sigma_{1^{+}\alpha}^{\#2}$	0	0	0	$-\frac{1}{\sqrt{2} (k^2 + 2 k^4) (2 r_3 + r_5)}$	$\frac{6k^2(2r_3+r_5)+t_1}{2(k+2k^3)^2(2r_3+r_5)t_1}$	0	$-\frac{i(6k^2(2r_3+r_5)+t_1)}{\sqrt{2}k(1+2k^2)^2(2r_3+r_5)t_1}$
$\sigma_{1^{-}\alpha}^{\#1}$	0	0	0	$\frac{1}{k^2 (2 r_3 + r_5)}$	$-\frac{1}{\sqrt{2} (k^2 + 2 k^4) (2 r_3 + r_5)}$	0	$\frac{i}{k(1+2k^2)(2r_3+r_5)}$
$\tau_{1}^{\#1}_{\alpha\beta}$	$-\frac{i\sqrt{2}k}{t_1+k^2t_1}$	$\frac{-2ik^3(2r_3+r_5)+ikt_1}{(1+k^2)^2t_1^2}$	$\frac{-2k^4(2r_3+r_5)+k^2t_1}{(1+k^2)^2t_1^2}$	0	0	0	0
$\sigma_{1}^{\#2}{}_{lphaeta}$		$\frac{-2 k^2 (2 r_3 + r_5) + t_1}{(1 + k^2)^2 t_1^2}$	$\frac{i(2k^3(2r_3+r_5)-kt_1)}{(1+k^2)^2t_1^2}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{+}\alpha\beta$	0	$-\frac{\sqrt{2}}{t_1+k^2t_1}$	$\tau_{1}^{\#1} + \alpha \beta \frac{i \sqrt{2} k}{t_1 + k^2 t_1}$	0	0	0	0
	$\sigma_{1}^{\#1} \dagger^{lphaeta}$	$\sigma_{1}^{#2} + \alpha \beta$	$\tau_1^{\#1} + ^{lphaeta}$	$\sigma_{1^{\bar{-}}}^{\#1}  \dagger^{\alpha}$	$\sigma_{1}^{\#2} +^{lpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_{1}^{#2} + ^{\alpha}$

	#	1	1	3	3	3	2	16
Source constraints	SO(3) irreps	$\tau_{0+}^{#2} == 0$	$\tau_{0}^{#1} == 0$	$t_1^{\#2}{}^{\alpha} + 2 i k o_1^{\#2}{}^{\alpha} == 0$	$\tau_{1}^{\#1}{}^{\alpha} == 0$	$\tau_{1+}^{\#1}\alpha\beta + \bar{l} k \ \sigma_{1+}^{\#2}\alpha\beta == 0$	$\tau_{2+}^{\#1}\alpha\beta$ - 2 $ik$ $\sigma_{2+}^{\#1}\alpha\beta$ == 0	Total #:

	$\sigma_{2^{+}lphaeta}^{\sharp1}$	$ au_2^{\#1}_{lphaeta}$	$\sigma_{2}^{\#1}{}_{\alpha\beta\chi}$
$\sigma_{2}^{\#1}\dagger^{lphaeta}$	$\frac{2}{(1+2k^2)^2t_1}$	$-\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	0
$\tau_{2}^{\#1} \dagger^{\alpha\beta}$	$\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	$\frac{4k^2}{(1+2k^2)^2t_1}$	0
$\sigma_2^{\sharp 1} \dagger^{lphaeta\chi}$	0	0	$\frac{2}{t_1}$

$\omega_{2}^{\#1}$ $\alpha_{2}^{\#1}$ $\alpha_{2}^{\#1}$ $\alpha_{2}^{\#1}$ $\alpha_{2}^{\#1}$	0	0	
$f_2^{\#1}_2 \alpha \beta$	$-\frac{ikt_1}{\sqrt{2}}$	$k^2 t_1$	
$\omega_{2^+}^{\#1}\alpha_\beta$	$\frac{t_1}{2}$	$\frac{i  k  t_1}{\sqrt{2}}$	
	$\omega_2^{#1} +^{\alpha\beta}$	$f_{2+}^{\#1} + ^{\alpha\beta}$	

$f_{1}^{\#2}$	0	0	0	<i>ikt</i> 1 3	$\frac{1}{3}\bar{l}\sqrt{2}kt_1$	0	$\frac{2k^2t_1}{3}$
$f_{1^{-}}^{\#1}{}_{\alpha}$	0	0	0	0	0	0	0
$\omega_{1^{-}\alpha}^{\#2}$	0	0	0	$\frac{t_1}{3\sqrt{2}}$	<u>£1</u> 3	0	$-\frac{1}{3}\bar{l}\sqrt{2}kt_1$
$\omega_{1^-}^{\#1}_{\alpha}$	0	0	0	$k^2 (2 r_3 + r_5) + \frac{t_1}{6}$	$\frac{t_1}{3\sqrt{2}}$	0	$-rac{1}{3}$ ikt $_1$
$f_{1}^{\#1}$	$-\frac{ikt_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_{1}^{\#2}_{\alpha\beta}\ f_{1}^{\#1}_{\alpha\beta}$	$-\frac{t_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_1^{\#1}{}_+\alpha_\beta$	$k^2 (2 r_3 + r_5) - \frac{t_1}{2}$	$-\frac{t_1}{\sqrt{2}}$	$\frac{ikt_1}{\sqrt{2}}$	0	0	0	0
	×						+α

	$\omega_{0}^{\#1}$	$f_{0^{+}}^{#1}$	$f_{0}^{#2}$	$\omega_{0}^{#1}$
$\omega_{0^{+}}^{\#1}$ †	$6 k^2 r_3$	0	0	0
$f_{0}^{#1}\dagger$	0	0	0	0
$f_{0}^{#2}$ †	0	0	0	0
$\omega_0^{\#1}$ †	0	0	0	-t <sub>1</sub>

	$\sigma_{0^+}^{\#1}$	$\tau_0^{\#1}$	$ au_{0}^{\#2}$	$\sigma_0^{\#1}$
r <sub>0</sub> #1 †	$\frac{1}{6 k^2 r_3}$	0	0	0
7 <sup>#1</sup> †	0	0	0	0
r <sub>0</sub> +2 †	0	0	0	0
σ <sup>#1</sup> †	0	0	0	$-\frac{1}{t_1}$

	Quadratic pole	<u>.</u>
$\stackrel{k^{\mu}}{\longrightarrow}$ ?	Pole residue:	$-\frac{1}{(2r_3+r_5)t_1^2} > 0$
?	Polarisations:	2

(No massive particles)