$$C_{eW}^{i1\_i2\_} \to$$

$$\hbar \left(-\frac{1}{48} g_2\, c_\gamma \frac{1}{m_v^2} s_\gamma^2\, \overline{y_e}^{pr} \left(y_e^{pi2}\, y_e^{i1r} + 6\, y_e^{pr}\, y_e^{i1i2} \right) + \frac{1}{16} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{2,1,0}\left[m_1, m_{\tilde{l}}^{i1}\right] - \right.$$
$$\frac{1}{8} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{3,1,-1}\left[m_1, m_{\tilde{l}}^{i1}\right] + \frac{1}{16} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{4,1,-2}\left[m_1, m_{\tilde{l}}^{i1}\right] -$$
$$\frac{1}{16} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{2,1,0}\left[m_2, m_{\tilde{l}}^{i1}\right] - \frac{1}{8} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{3,1,-1}\left[m_2, m_{\tilde{l}}^{i1}\right] +$$
$$\frac{3}{16} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{4,1,-2}\left[m_2, m_{\tilde{l}}^{i1}\right] - \frac{1}{8} g_2\, c_\gamma\, \overline{y_e}^{pr}\, y_e^{pi2}\, y_e^{i1r}\, LF_{3,1,-1}\left[\tilde{\mu}, m_{\tilde{e}}^{r}\right] +$$
$$\frac{1}{8} g_2\, c_\gamma\, \overline{y_e}^{pr}\, y_e^{pi2}\, y_e^{i1r}\, LF_{4,1,-2}\left[\tilde{\mu}, m_{\tilde{e}}^{r}\right] + \frac{1}{8} g_2\, m_1\, g_1^2 \left(-c_\gamma\, a_e^{i1i2} + s_\gamma\, \tilde{\mu}\, y_e^{i1i2} \right)$$
$$LF_{2,1,1,0}\left[m_1, m_{\tilde{e}}^{i2}, m_{\tilde{l}}^{i1}\right] + \frac{1}{16} g_2\, m_1\, g_1^2 \left(c_\gamma\, a_e^{i1i2} - s_\gamma\, \tilde{\mu}\, y_e^{i1i2} \right) LF_{2,2,1,-1}\left[m_1, m_{\tilde{e}}^{i2}, m_{\tilde{l}}^{i1}\right] +$$
$$\frac{1}{8} g_2\, m_1\, g_1^2 \left(c_\gamma\, a_e^{i1i2} - s_\gamma\, \tilde{\mu}\, y_e^{i1i2} \right) LF_{3,1,1,-1}\left[m_1, m_{\tilde{e}}^{i2}, m_{\tilde{l}}^{i1}\right] +$$
$$\frac{1}{16} g_2\, m_1\, g_1^2 \left(-c_\gamma\, a_e^{i1i2} + s_\gamma\, \tilde{\mu}\, y_e^{i1i2} \right) LF_{2,2,1,-1}\left[m_1, m_{\tilde{l}}^{i1}, m_{\tilde{e}}^{i2}\right] -$$
$$\frac{1}{8} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{1,1,1,0}\left[m_1, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] + \frac{1}{4} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{2,1,1,-1}\left[m_1, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] +$$
$$\frac{1}{8} g_2\, m_1\, s_\gamma\, \tilde{\mu}\, g_1^2\, y_e^{i1i2}\, LF_{2,1,1,0}\left[m_1, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] - \frac{1}{8} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{3,1,1,-2}\left[m_1, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] -$$
$$\frac{1}{8} g_2\, m_1\, s_\gamma\, \tilde{\mu}\, g_1^2\, y_e^{i1i2}\, LF_{3,1,1,-1}\left[m_1, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] + \frac{1}{8} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{2,2,1,-2}\left[m_1, \tilde{\mu}, m_{\tilde{e}}^{i2}\right] +$$
$$\frac{1}{8} g_2\, m_1\, s_\gamma\, \tilde{\mu}\, g_1^2\, y_e^{i1i2}\, LF_{2,2,1,-1}\left[m_1, \tilde{\mu}, m_{\tilde{e}}^{i2}\right] - \frac{1}{16} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{2,2,1,-2}\left[m_1, \tilde{\mu}, m_{\tilde{l}}^{i1}\right] -$$
$$\frac{1}{16} g_2\, m_1\, s_\gamma\, \tilde{\mu}\, g_1^2\, y_e^{i1i2}\, LF_{2,2,1,-1}\left[m_1, \tilde{\mu}, m_{\tilde{l}}^{i1}\right] -$$
$$\frac{1}{8} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{1,1,1,0}\left[m_2, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] - \frac{1}{4} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{2,1,1,-1}\left[m_2, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] +$$
$$\frac{1}{8} m_2\, s_\gamma\, \tilde{\mu}\, g_2^3\, y_e^{i1i2}\, LF_{2,1,1,0}\left[m_2, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] + \frac{3}{8} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{3,1,1,-2}\left[m_2, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] +$$
$$\frac{3}{8} m_2\, s_\gamma\, \tilde{\mu}\, g_2^3\, y_e^{i1i2}\, LF_{3,1,1,-1}\left[m_2, m_{\tilde{l}}^{i1}, \tilde{\mu}\right] + \frac{3}{16} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{2,2,1,-2}\left[m_2, \tilde{\mu}, m_{\tilde{l}}^{i1}\right] +$$
$$\frac{3}{16} m_2\, s_\gamma\, \tilde{\mu}\, g_2^3\, y_e^{i1i2}\, LF_{2,2,1,-1}\left[m_2, \tilde{\mu}, m_{\tilde{l}}^{i1}\right] - \frac{1}{4} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{2,1,1,-1}\left[\tilde{\mu}, m_1, m_{\tilde{e}}^{i2}\right] +$$
$$\frac{1}{4} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{3,1,1,-2}\left[\tilde{\mu}, m_1, m_{\tilde{e}}^{i2}\right] + \frac{1}{4} g_2\, m_1\, s_\gamma\, \tilde{\mu}\, g_1^2\, y_e^{i1i2}\, LF_{3,1,1,-1}\left[\tilde{\mu}, m_1, m_{\tilde{e}}^{i2}\right] +$$
$$\frac{1}{8} g_2\, c_\gamma\, g_1^2\, y_e^{i1i2}\, LF_{2,1,1,-1}\left[\tilde{\mu}, m_1, m_{\tilde{l}}^{i1}\right] + \frac{1}{8} g_2\, m_1\, s_\gamma\, \tilde{\mu}\, g_1^2\, y_e^{i1i2}\, LF_{2,1,1,0}\left[\tilde{\mu}, m_1, m_{\tilde{l}}^{i1}\right] +$$
$$\left. \frac{1}{8} c_\gamma\, g_2^3\, y_e^{i1i2}\, LF_{2,1,1,-1}\left[\tilde{\mu}, m_2, m_{\tilde{l}}^{i1}\right] + \frac{1}{8} m_2\, s_\gamma\, \tilde{\mu}\, g_2^3\, y_e^{i1i2}\, LF_{2,1,1,0}\left[\tilde{\mu}, m_2, m_{\tilde{l}}^{i1}\right] \right)$$