The first graph is a plot of a lemniscate. The second plot contains the lemniscate along with its tangent line at the point (3,1).

\[
\text{implicitplot}\left( 2(x^2 + y^2)^2 = 25(x^2 - y^2), x = -5..5, y = -5..5, \text{numpoints} = 100000 \right); 
\]

\[
\text{implicitplot}\left( \left\{ y = -\frac{9}{13}x + \frac{40}{13}, 2(x^2 + y^2)^2 = 25(x^2 - y^2) \right\}, x = -5..5, y = -5..5, \text{numpoints} = 100000 \right); 
\]