$$\text{Plot}\left[\text{Abs}\lef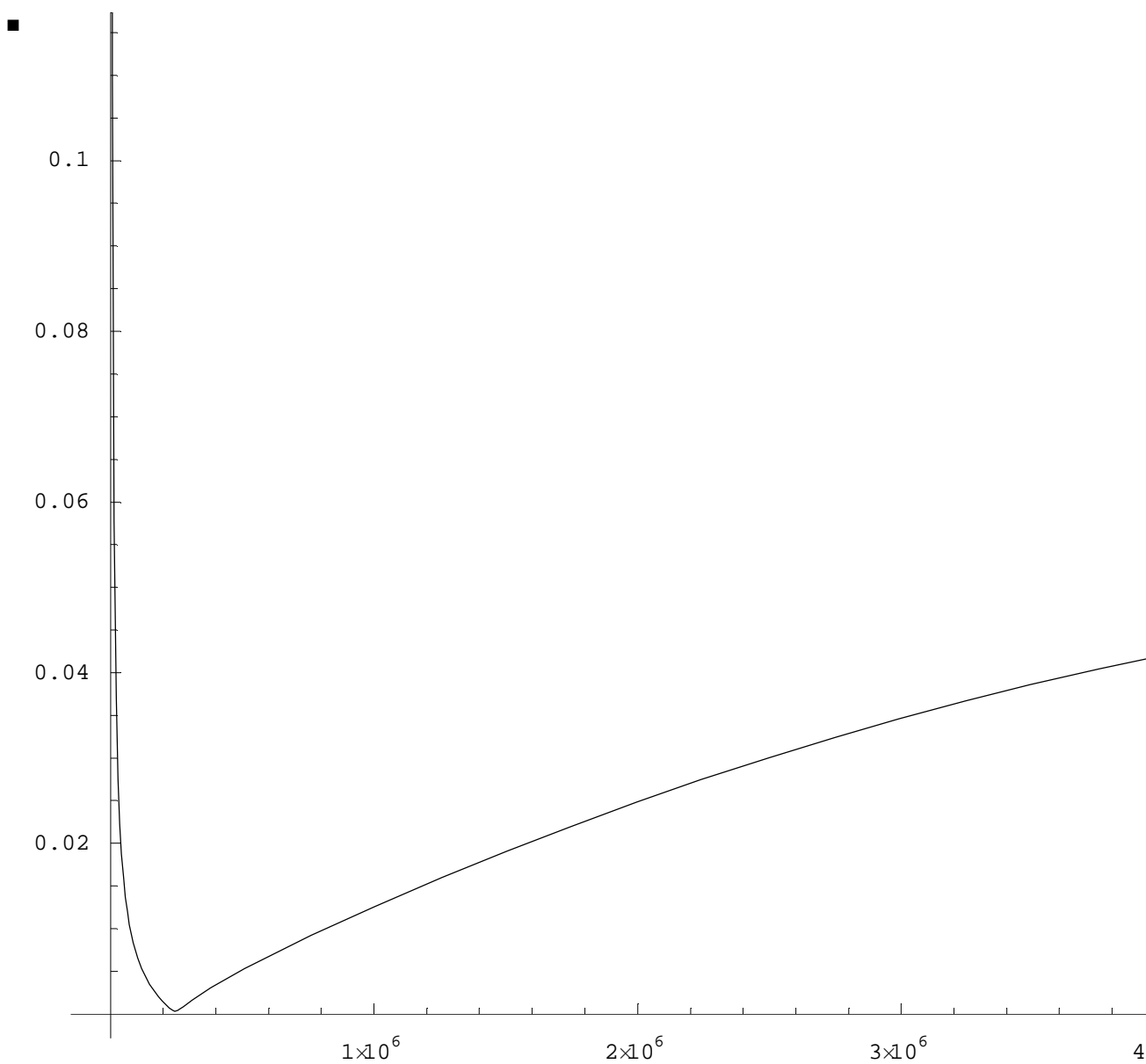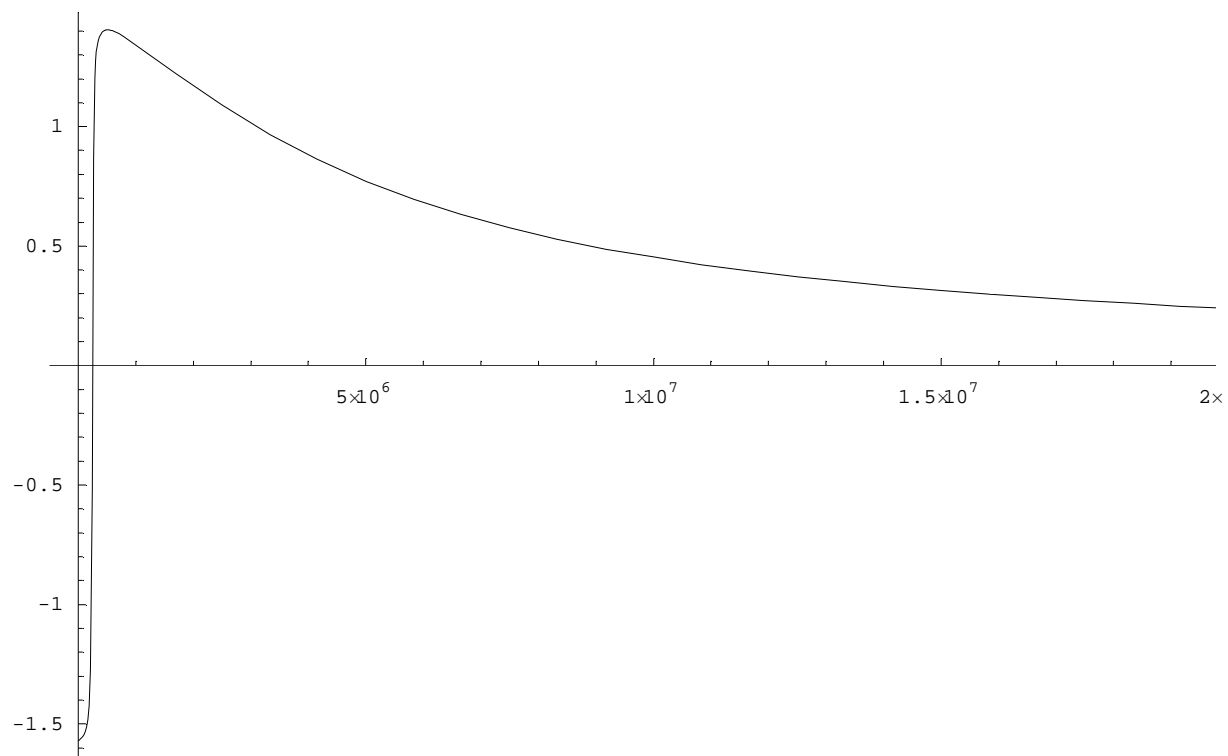t[\frac{1}{6000} + \frac{1}{i * w * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{i*w*1.36*10^{-8}}}\right], \{w, 0, 6000000\}\right]$$

- Graphics -

$$\texttt{Plot}\Big[\texttt{Arg}\Big[\frac{1}{6000} + \frac{1}{\dot{\mathbb{1}} * w * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{\dot{\mathbb{1}}*w*1.36*10^{-8}}}\Big], \{w, 0, 20000000\}\Big]$$
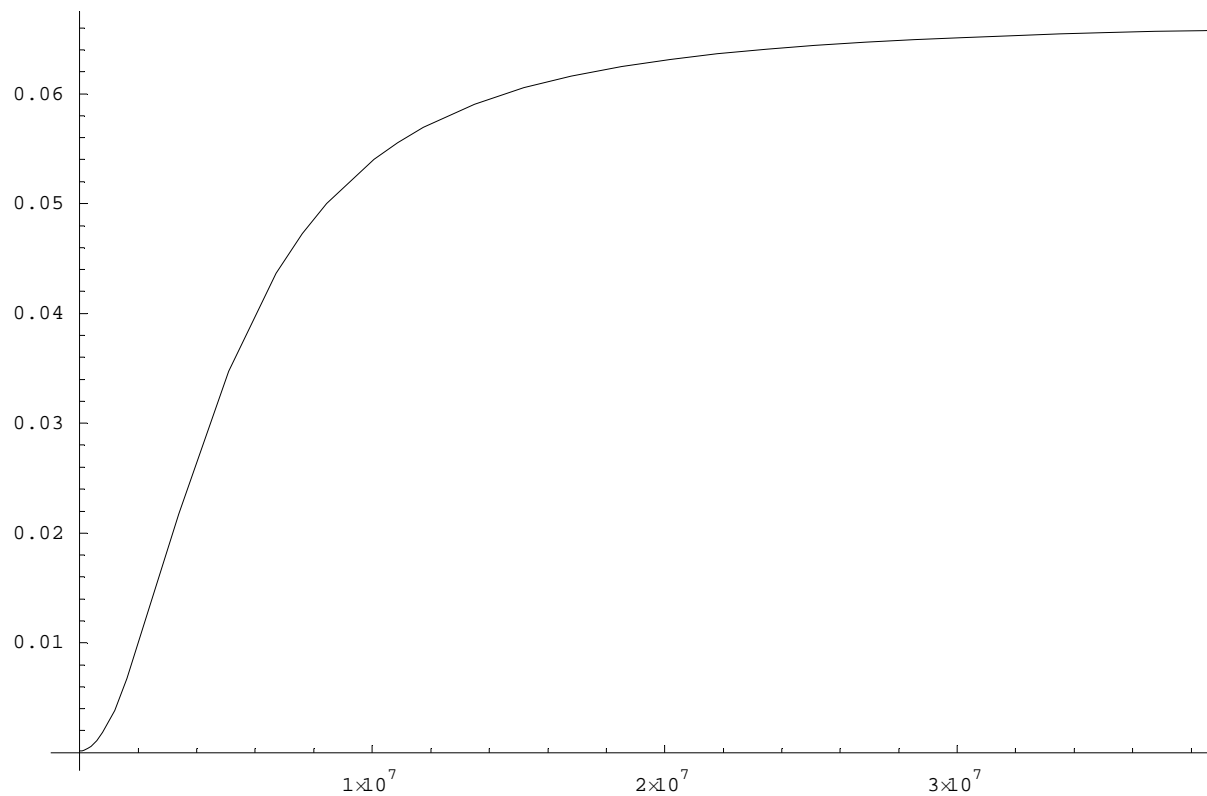

- Graphics -

- Graphics -

$$\text{Plot}\left[\text{Re}\left[\frac{1}{6000} + \frac{1}{\text{i} * w * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{\text{i}*w*1.36*10^{-8}}}\right], \{w, 0, 40000000\}\right]$$

Syntax::noinfo : Input expression contains insufficient information to interpret result. More...
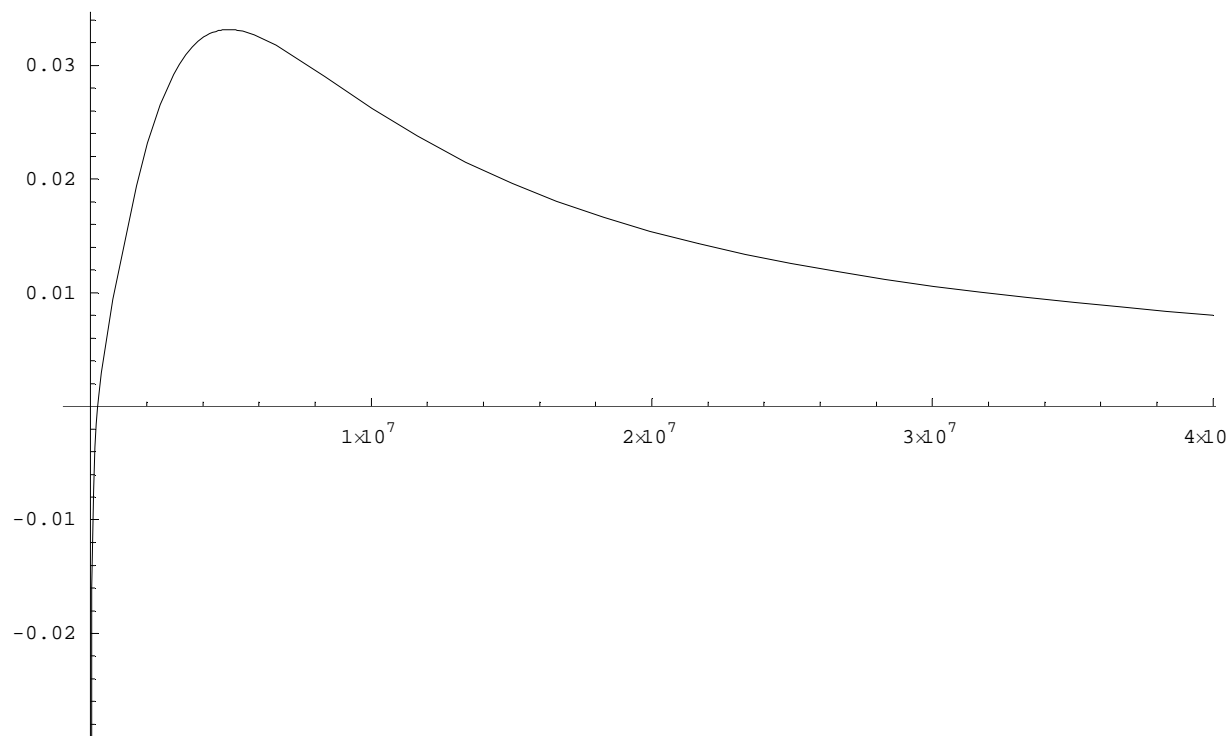
- Graphics -

- Graphics -

- **Graphics** -

$$\text{Plot}\left[\text{Im}\left[\frac{1}{6000} + \frac{1}{\text{i} * \text{w} * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{\text{i}*\text{w}*1.36*10^{-8}}}\right], \{\text{w}, 0, 40000000\}\right]$$

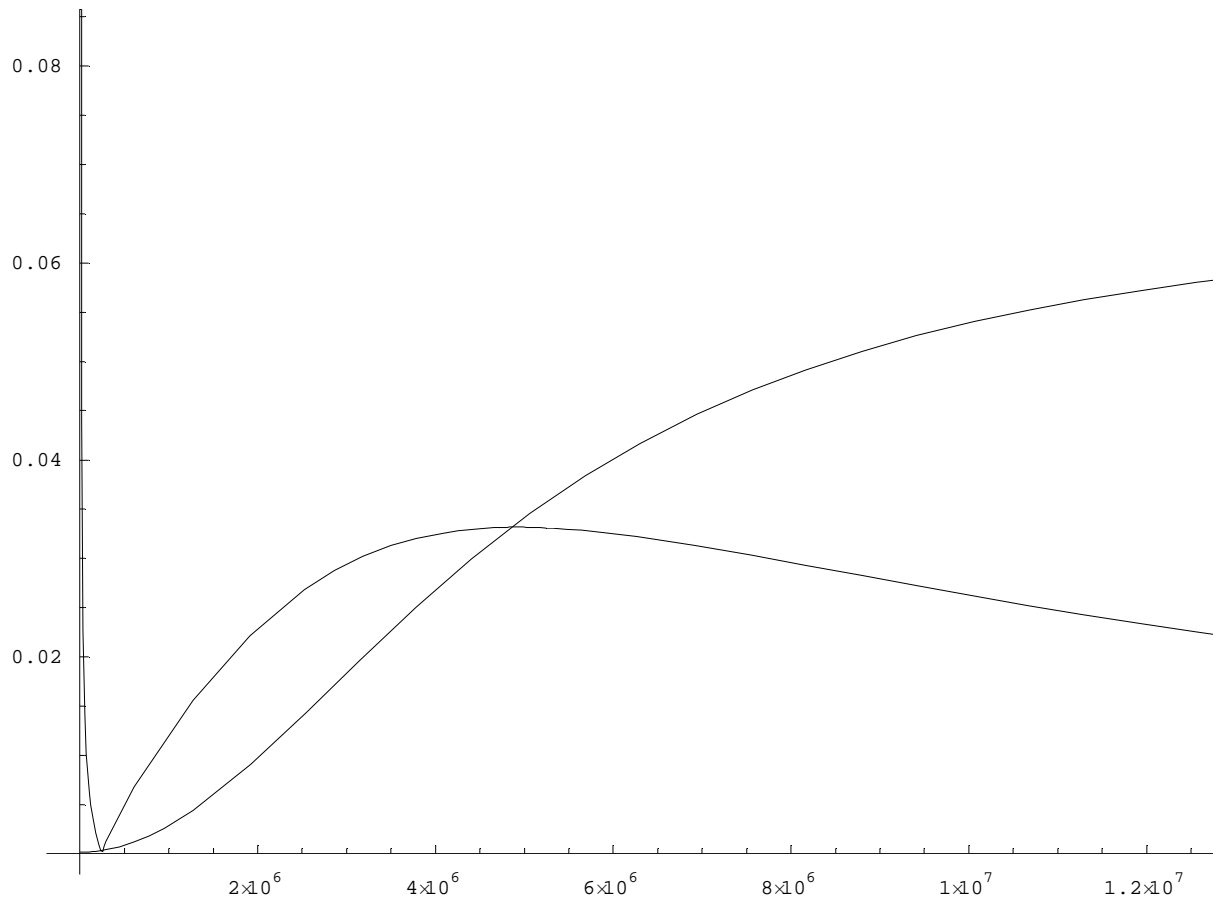Syntax::noinfo : Input expression contains insufficient information to interpret result. More…
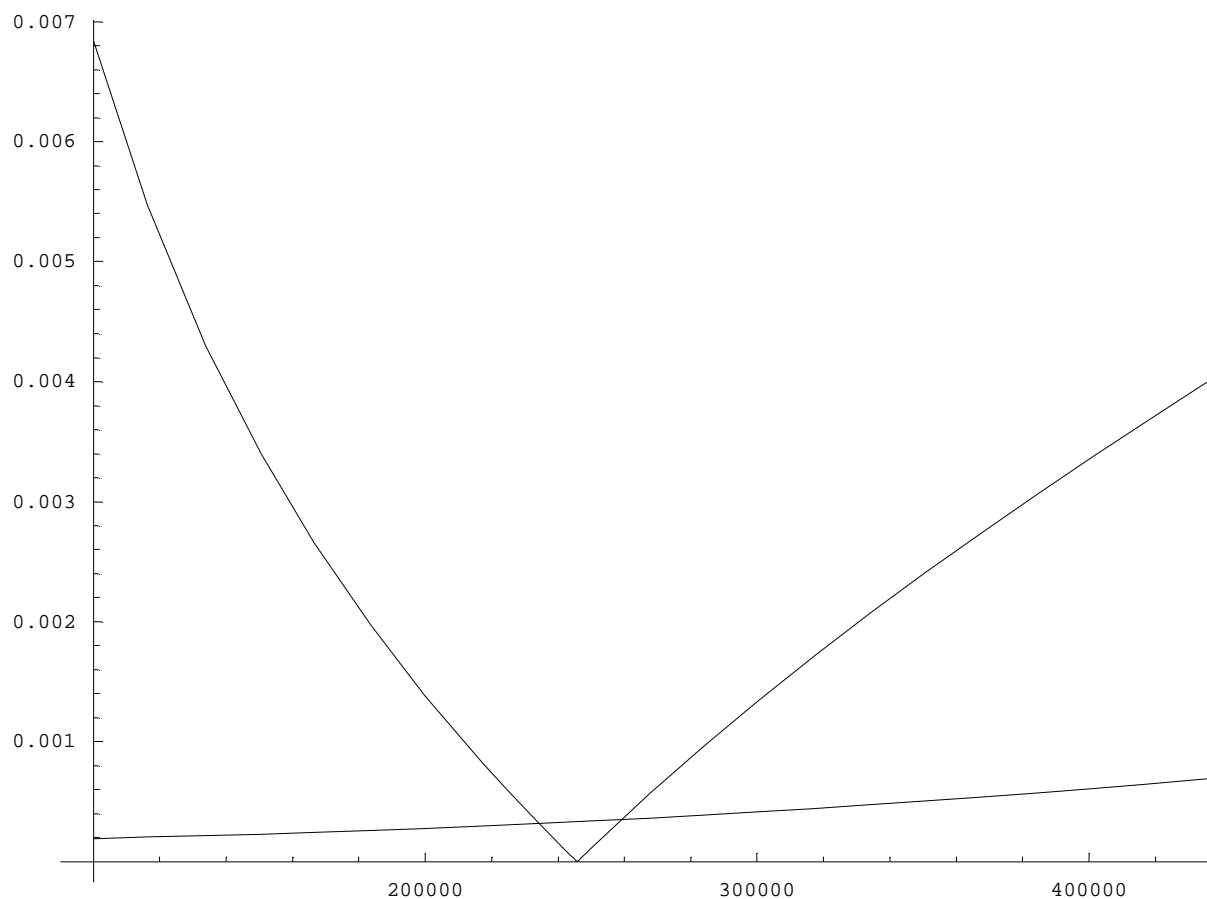
- Graphics -

- Graphics -

$$tt = \left\{ \mathtt{Abs}\left[\mathtt{Im}\left[\frac{1}{6000} + \frac{1}{\mathtt{i} * \mathtt{w} * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{\mathtt{i} * \mathtt{w} * 1.36 * 10^{-8}}} \right] \right], \right.$$

$$\left. \mathtt{Re}\left[\frac{1}{6000} + \frac{1}{\mathtt{i} * \mathtt{w} * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{\mathtt{i} * \mathtt{w} * 1.36 * 10^{-8}}} \right] \right\};$$

```
pp = Plot[Evaluate[tt], {w, 0, 15000000}];
```

$$tt = \left\{ \text{Abs}\left[\text{Im}\left[\frac{1}{6000} + \frac{1}{\text{i} * w * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{\text{i}*w*1.36*10^{-8}}} \right] \right], \right.$$

$$\left. \text{Re}\left[\frac{1}{6000} + \frac{1}{\text{i} * w * 1.22 * 10^{-3}} + \frac{1}{15 + \frac{1}{\text{i}*w*1.36*10^{-8}}} \right] \right\};$$

pp = Plot[Evaluate[tt], {w, 100000, 500000}];