$R1 := 4.3k\Omega \quad R2 := 240k\Omega$

$R3 := 4.3k\Omega \quad R4 := 7.3k\Omega$

$L := 3.3mH$

$j := \sqrt{-1}$

$$R1LLR3 := \frac{R1 \cdot R3}{R1 + R3}$$

$$K := \frac{R3}{R1 + \frac{R2 \cdot R4}{R2 + R4} + R3} \qquad \tau_z := \frac{L}{(R2 + R4)} \qquad \tau_p := \frac{L}{\left(R4 + \frac{R2 \cdot R1LLR3}{R2 + R1LLR3}\right)}$$

$f_{start} := 1kHz$

$$T(f) := K \cdot \frac{1 + (j \cdot 2 \cdot \pi \cdot f) \cdot \tau_z}{1 + (j \cdot 2 \cdot \pi \cdot f) \cdot \tau_p} \qquad f_p := \frac{1}{2\pi \cdot \tau_z} = 1.193 \times 10^{7}\, s^{-1} \qquad f_{stop} := 1 \cdot 10^{10} Hz$$

$N := 1024 \quad i := 0..N - 1 \quad f_i := f_{start} \cdot \left(\frac{f_{stop}}{f_{start}}\right)^{\frac{i}{N-1}} \quad M(f) := 20 \cdot \log(|T(f)|) \quad \phi(f) := \frac{180}{\pi} \cdot \arg(T(f))$