

Chapter 5, Solution 1.

(a) $R_{in} = 1.5 \text{ M}\Omega$

(b) $R_{out} = 60 \text{ }\Omega$

(c) $A = 8 \times 10^4$

Therefore $A_{dB} = 20 \log 8 \times 10^4 = 98.06 \text{ dB}$