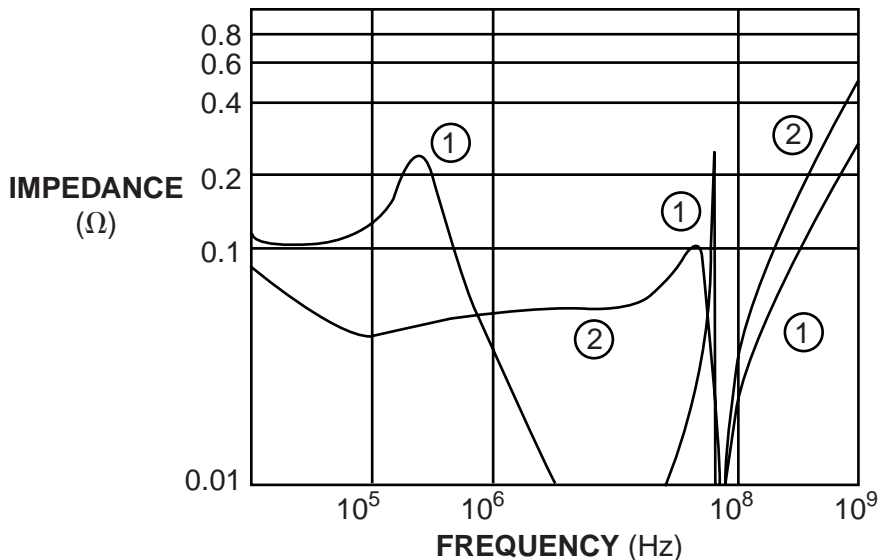


Figure 17



NOTES:

- ① =45 0.1 μ F CERAMIC.
- ② =15 4.7 μ F TANTALUM.

Decoupling based on a rule-of-thumb approach yields a shunt impedance that varies much more with frequency than does the impedance that results from a rigorous approach. Worse yet, the rule-of-thumb approach yields an impedance that exceeds the design requirements at low and high frequencies.