Tuned Frequency Absorber Performance

**Electrical Performance:**
The performance plot shown above illustrates the reflection loss performance of this material. Reflection loss is measured on a NRL arch. For more information on the NRL arch test set-up, please contact a Modus™ technical representative. Additional electrical test data may be available upon request.

**Applications:**
- Traveling or Creeping surface wave absorption
- Resonant Cavity Attenuation
- EM Reduction
- Mounted to an IC on a PCB
- Mounted directly on a micro-strip
- High Frequency Interference
- Inside a shielding can

**Features and Benefits:**
- Tough material can survive outdoor exposure
- Very thin for compact locations
- Flexible elastomeric material will not crack
- Support broad frequency range
- RoHS Compliant
- Halogen Free

**Typical Properties:**
- Color: Dark Grey
- Elastomer: Silicone
- Operating Temperature: -60°F to 375°F
- Flame Rating: UL94-V0
- Hardness: Shore A 60-80

**Availability:**
- Sheet Size: 24” x 24”
- Sheets, Die Cut, Kiss Cut Pads

---

**HiMag™ Tuned Frequency Absorber**

**PART#: AB340-0048**  **THICKNESS: .047”  9.0 GHz**

Modus Advanced, Inc. Tuned Frequency Absorber is a magnetically loaded material having high loss at sub-microwave frequencies. Tuned Frequency Absorbers are designed with shaped magnetic particles which exhibit high permeability. The Tuned Frequency Absorber product line is the thinnest of the HiMag™ materials.