



Prior to taking final measurements, emission levels at the fundamental frequency were investigated using three different plastic pit enclosures each mounted in the box. They were of different sizes and shapes and from different manufacturers. For each check the DUT was tried in different mounting positions within the pit enclosures to determine the worst case (least attenuation) placement. The worst case position in all the enclosures was with the DUT near pit center and as close to the top of the pit as possible without interfering with the closure of the pit lid. All the pits produced similar attenuations; within about 3.5 dB of each other. However, the gray rectangular enclosure (Pit #2) exhibited the least attenuation and so it was used for the final testing.

The setup with the gray enclosure is shown in the photos below. Setup photographs for Pits #1 and #3 will be shown in the setup exhibits that accompany the application.