

## **Preliminary development of mini anechoic chamber**

The purpose of mini anechoic chamber is to allow cost effective testing of microwave signal. It is because measurements of the radiation pattern are usually done in an anechoic chamber in order to avoid reflections from nearby objects and external interference from affecting the field pattern. The most important element in anechoic chamber is absorber. The electromagnetic wave absorbers are used to absorb the reflected wave that occurs on the wall of the chamber. A good absorber is the one with smaller reading of reflection wave. The operation of absorber depends on the design and the material used. This project focused on the development and designs the absorbers for anechoic chamber. There were then assembled into a chamber for further Testing..