A Method to build your own Waveguide to Coax Transition

MUD 2019 Bob Stricklin N5BRG

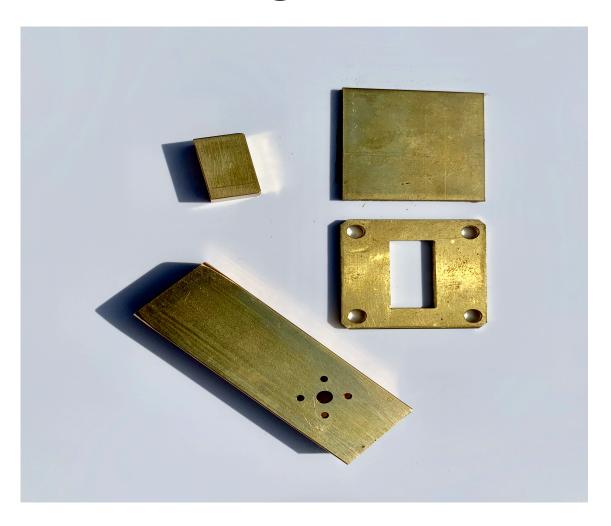
Coax to Waveguide Converters

- A method to build your own low cost converter
 - Using standard rectangular brass tubing, flat plate, and bar stock.
- An Excel file to calculate frequency Cut off for different sizes of rectangular and round material.
- Details for construction including drawings on thumb drive

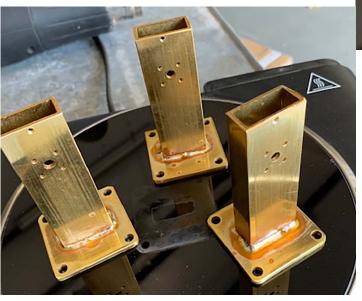
Finished Product

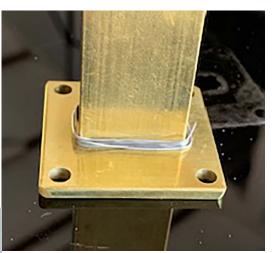


Starting Material

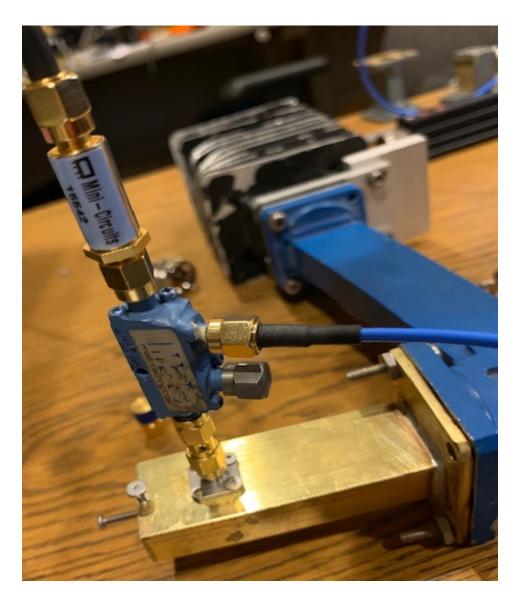




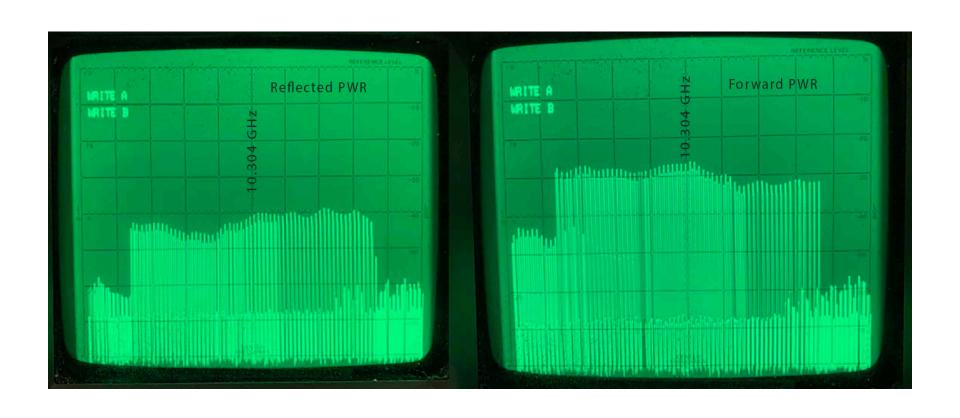




Testing with WR90 Dummy Load



Test Results



Back Wall Plug Soldered

