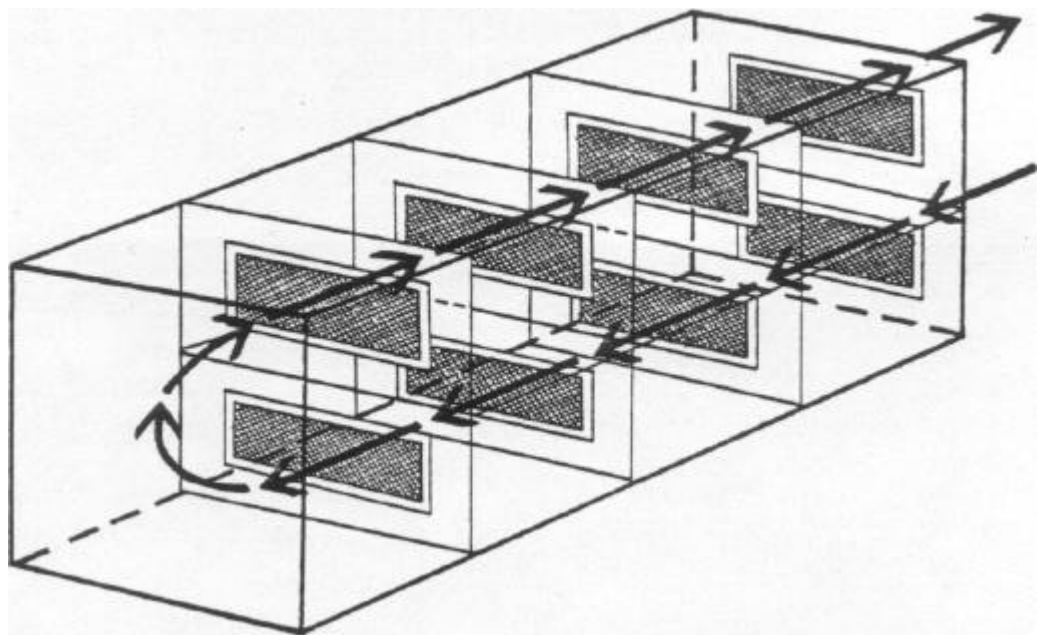


EMI SHIELDING

CASE HISTORY REFERENCE PAS-17

Problem:

WITHIN AN ALUMINUM RF WAVEGUIDE CABINET ENCLOSURE, DESIGN A METHOD OF PASSING COOLING AIR THROUGH HIGH POWER RADIO FREQUENCY CAVITIES WITH NO LEAKAGE OF RF ENERGY TO THE SURROUNDING ENVIRONMENT.



Solution:

PROBLEM WAS RESOLVED THROUGH THE SELECTION OF A TECKCELL SHIELDING AIR VENT PANEL. DESIGN WAS EFFECTED BY CUTTING A HOLE IN THE CASING AND BOLTING IT INTO PLACE.