

Figure 5

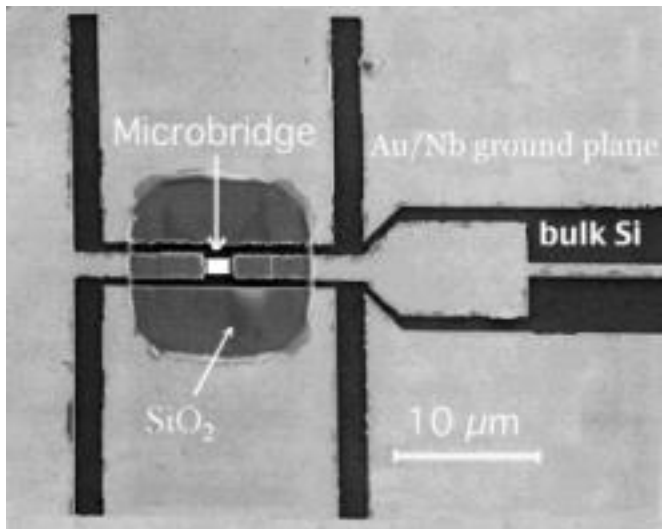


Fig. 5. SEM image of a twin-slot planar antenna. The actual antenna size implies a central frequency of 2.5 THz. The white block in the center indicates the area which will be occupied by an HEDD sensor. The structure on the right is a low pass filter preventing leakage of the RF power into the dc line.