

Abstracts

Early work on millimeter wave systems and phased array radars (in the Baltimore-Washington area)

C.M. Johnson. "Early work on millimeter wave systems and phased array radars (in the Baltimore-Washington area)." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 417-420.

Early development (1950s-1960s) of millimeter wave systems and phased array radars in the Baltimore/Washington area is recalled. Although, many of the components and instruments of the period have been superceded by more modern technology, many accomplishments became milestones or seeded later work. Some notable examples include: radiometers up to 600 GHz (0.5-millimeter wavelength), the first modern phased array radar, self-focused imaging radars, and sea scattering measurements in the 10 to 50-GHz region.

[Return to main document.](#)