

Abstracts

THz imaging via electro-optic effect

Zhiping Jiang and X.-C. Zhang. "THz imaging via electro-optic effect." 1999 MTT-S International Microwave Symposium Digest 99.3 (1999 Vol. III [MWSYM]): 941-944 vol.3.

We describe three of the electro-optic based THz imaging systems: the point scanning system, 2D CCD system and 1D spatio-temporal chirped pulse imaging system. The comparisons between the scanning system and CCD systems are given. We emphasize the CCD systems which provide high acquisition speed by taking the unique advantages of parallel measurement. Improvements are discussed.

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