

Abstracts

The Measurement of RF-Antenna Near Field Patterns Using Liquid Crystal Sensors

K. Truesdale. "The Measurement of RF-Antenna Near Field Patterns Using Liquid Crystal Sensors." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 39-42.

Present methods for measuring antenna near field RF patterns utilize a point to point probing technique. The results from this method are somewhat unsatisfactory due to the coupling between the antenna and the probes. Secondary effects such as reflections also tend to confuse the data. In addition, the point to point probing of an antenna near field is a time consuming process during which the RF power level must be held constant.

[Return to main document.](#)