

QEX (ISSN: 0886-8093) is published bimonthly in January, March, May, July, September, and November by the American Radio Relay League, 225 Main Street, Newington, CT 06111-1494. Periodicals postage paid at Hartford, CT and at additional mailing offices.

POSTMASTER: Send address changes to: QEX, 225 Main St, Newington, CT 06111-1494 Issue No 254

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Subscription rate for 6 issues:

In the US: ARRL Member \$24,
nonmember \$36;

US by First Class Mail:
ARRL member \$37, nonmember \$49;

International and Canada by Airmail: ARRL member
\$31, nonmember \$43;

Members are asked to include their membership
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About the Cover

Bob Melvin, W6VSV, built this phase-locked crystal-controlled 10 GHz signal source and feed horn antenna for testing 10 GHz antennas on his UHF and microwave backyard antenna test range. Bob uses separate signal sources and transmitting antennas for each band from 432 MHz through 10 GHz. A computer rotates the test antenna and collects received signal data to plot patterns and calculate gain.



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