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**ANAREN MICROWAVE, INC. INTRODUCES NEW,
MINIATURIZED XINGER[®]-BRAND CIRCULATOR**

(Follow-on to industry's first true-SM circulator – in an even smaller package)

Syracuse, N.Y., November 1, 2002 – Anaren Microwave (NASDAQ: ANEN), a leader in wireless technology, today announced it is ready to mass-market a new, reduced-size version of the Xinger[®]-brand circulator it launched in Spring, 2002 – as part of its *BreakThrough*[™] 2002 line-up. The new unit measures only 0.5 x 0.5 x 0.2” (12.7 x 12.7 x 5.0 mm), making nearly one quarter the size of its groundbreaking predecessor.

“Based on some very interesting design-ins we’ve achieved over the last couple months, there’s no doubt our leadless, no-touch package turned some heads in April ’02,” says Tim Ross, VP of Business Development. “But just like our customers, we can’t stand still on size or cost.” Ross indicated the new formats offer the following benefits:

- * Avail. in 1.8, 1.9, and 2.1 GHz
- * Time-saving “no touch” assembly (tape & reel, SM)
- * Ideal for interstage locations in PA designs

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- * Return loss: 25 dB typ.
- * Isolation: 25dB typ.
- * Insertion Loss: 0.40 dB typ.
- * Power handling: 20 Watts
- * Lead-free finish

Like all Anaren off-the-shelf parts, reduced-size Xinger-brand SM circulators are also backed by the Anaren exclusive 100% OnSpec™ guarantee and B-There™ service commitment that ensures on-time delivery. Samples are also available within 24 hours for qualified prototype work.

Anaren Microwave Inc. develops, designs, manufactures and sells complex microwave signal distribution networks and components for the wireless communications, satellite communications and defense electronics markets. To learn more about Anaren or its products, visit www.anaren.com.

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