

**Title:** ParkerVision Test Validates Potential of D2D Technology For Use in IS-95 CDMA Digital Cellular Receivers.

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Enhanced Direct2Data Technology Implemented

In 0.35 Micron Standard CMOS

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ParkerVision, Inc. (Nasdaq: PRKR) reported today that the results of its latest downconverter demonstration platform, incorporating an enhanced version of its D2D(TM) direct conversion RF technology in low-cost 0.35-micron standard CMOS integrated circuits, verify that the D2D technology provides the necessary performance to support standards-compliant radio transceivers for IS-95 CDMA, GSM, IEEE 802.11 Wireless LANs, Bluetooth and other important wireless applications. Accordingly, ParkerVision believes this implementation of D2D provides the most compelling combination of performance attributes of any direct conversion technology available for use in mobile wireless applications.

Jim Baker, Vice President and General Manager, stated, "The success of our downconverter demonstration platform marks important progress toward ParkerVision's realization of practical hardware based upon its D2D technology for key wireless communications markets. The performance measured from our latest implementation enables us to formalize our development efforts for a low-cost, highly integrated IS-95 CDMA IC product line. The significance of the D2D technology is that it has demonstrated excellent conversion performance while enabling cost-effective true Zero IF radio architecture, eliminating the need for the intermediate frequency amplifiers and filters currently required. D2D-based radios implemented in standard CMOS occupy very little IC die area and are able to process complex wireless communication modulation methods for frequency bands exceeding 4 GHz using 0.35-micron technology and over 6 GHz using smaller geometry processes. We believe that D2D technology has the potential for tremendous commercial appeal because it simultaneously achieves the goals of small size, low power, low costs, and high performance."

Compliance with key IS-95 CDMA RF specifications was shown using the new 0.35-micron CMOS implementation. The new downconverter platform was connected to the previously announced D2D-based CDMA transmitter platform. This configuration was tested in a mobile-to-mobile mode, a severe test scenario. In this configuration a back-to-back system RHO of 0.971 was achieved.

Mr. Baker pointed out, "These results comfortably exceed the IS-95 CDMA specifications for Rho of 0.912 minimum for a single transmit or receive path. In the past, unsuccessful attempts have been made to apply direct conversion radios to challenging applications. The latest platform clearly demonstrated that the D2D technology does not

suffer from the known shortcomings of other direct conversion approaches based on traditional RF techniques. Our D2D technology had made the direct conversion architecture issues of LO re-radiation and DC offset manageable in a straightforward manner."

The performance of the D2D technology implemented in 0.35-micron CMOS offers improved linearity, DC Offset and LO re-radiation performance over the previous 0.5-micron CMOS implementation. The demonstration platform operates using a sub-harmonic LO that is 1/3 of the RF frequency. This sub-harmonic operation provides significant value when compared to traditional heterodyne solutions through the simplification of the frequency plan, the minimization of self interference, the reduction of power consumption and the ability to process high operating RF frequencies using low-cost, standard CMOS.

Detailed performance specifications of the 0.35-micron CMOS implementation of the D2D technology as well as IS-95 CDMA downconverter test results will be published on the ParkerVision D2D web site, [www.D2D.com](http://www.D2D.com) later this month.

ParkerVision, headquartered in Jacksonville, Florida, designs, develops and manufactures communications technology platforms and products for the wireless and video industries. Additional information about ParkerVision and its D2D technology is available at [www.parkervision.com](http://www.parkervision.com) and [www.D2D.com](http://www.D2D.com).

This press release contains forward-looking information. Readers are cautioned not to place undue reliance on any such forward-looking statements, each of which speak only as of the date made. Such statements are subject to certain risks and uncertainties which are disclosed in the Company's SEC reports, including the Form 10K for the year ended December 31, 1999. These risks and uncertainties could cause actual results to differ materially from those presently anticipated or projected.