

WiMAX Chipsets: “e” Is the New Black

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Report Summary

The WiMAX chipset market continues to gain steady momentum. Mobile WiMAX has all but displaced fixed WiMAX in new deployment. Actual WiMAX networks, planned networks, and networks in development increase monthly. New devices drive the market as USB dongles and mobile PCs with embedded are available today, with WiMAX-enabled cellular handsets just around the corner.

WiMAX chipset technology has already moved beyond multiple chips, each with one specific function, i.e., a baseband processor chip and a separate RFIC, to a market where integrated single-chip solutions and modules are the vendor and manufacturer preference. A small group of semiconductor manufacturers have emerged as the WiMAX chipset leaders, changing the market landscape with innovative single-chip solutions.

***WiMAX Chipsets: “e” Is the New Black* looks at the WiMAX chipset market and provides:**

- An overview of the state of the WiMAX market including deployments, regional updates, frequencies and spectrums, and emerging WiMAX applications
- WiMAX standards and technology update
- WiMAX chipset landscape
- WiMAX chipset architecture
- Key WiMAX IC vendor landscape
- Five-year forecasts for WiMAX chipset unit shipments, revenue, and ASPs

HIGHLIGHTS

Key developments in the WiMAX industry are:

- The shift toward mobile WiMAX, the effect that US stimulus money will have, and what opportunity 700MHz will afford WiMAX network providers.
- The effect of emerging applications, such as smart grids and mobile hotspots, and devices such as USB dongles, mobile PCs, and cellular handsets on the WiMAX market.
- How WiMAX will coexist with other wireless technologies, especially LTE.
- WiMAX chipset vendors Beceem, GCT, Intel, and Sequans continue to lead the WiMAX market.

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