

## **FOR IMMEDIATE RELEASE**

### ***Metrico Wireless Releases “LTE: The Subscriber Experience — International CTIA WIRELESS® 2012 Edition”***

*Data Performance on AT&T and Verizon LTE Networks Is Comparable,  
But Video and Battery Life Performance Vary By Device*

New Orleans, La. And Frederick, Md., U.S.A. – May 8, 2012 – [Metrico Wireless](#) today announced availability of its report, “LTE: The Subscriber Experience — International CTIA WIRELESS® 2012 Edition,” based on the company’s robust, objective and repeatable analysis of mobile device performance from the subscriber point of view. While AT&T’s and Verizon’s LTE networks showed comparable data and web performance, there was significant variation in video quality and battery life among devices, underscoring the criticality of measuring performance at the subscriber level. The report was the result of independent testing by Metrico as part of its [Insights](#) service, which also provides customized analytics to mobile carriers and device OEMs seeking to improve their products or strengthen their brands. Metrico will be exhibiting at [International CTIA WIRELESS 2012](#) in New Orleans, Booth #3011.

At this time in 2011, 4G smartphones in the U.S. primarily operated on HSPA+ or WiMAX network technologies, with a single LTE-compatible handset on the market. What a difference a year makes! The top seven U.S. carriers have committed to launching LTE services, with AT&T and Verizon aggressively building out their networks and marketing several smartphones. Metrico has been conducting ongoing measurement of the subscriber experience on select devices, on key criteria including:

- data performance (HTTP download, HTTP upload, web page load time)
- video performance (frame delivery rate, freeze, impairment, audio)
- battery life (by application and by user profile).

Devices evaluated included the Samsung Galaxy™ S II Skyrocket™ and Samsung Galaxy Note from AT&T, and the Motorola DROID BIONIC and Motorola DROID RAZR MAXX from Verizon.

### **Key Findings**

- Whether it’s the largest display or the largest battery of any smartphone, LTE devices launched so far in 2012 have targeted specific areas of the subscriber experience to differentiate from the competition.
- Devices tested on the AT&T and Verizon LTE networks exhibited comparable data performance when measured by stationary data downloads and uploads. All devices approached or broke through the 1 second mark for loading a standard web page.
- Video performance varied by device, and the variation was not correlated with data performance, indicating that onboard device attributes — including video processor and software — play a key role in the subscriber’s video experience.
- When considering power consumption by application, the AT&T Samsung devices require more power than the Verizon Motorola devices for circuit-switched voice calls and SMS, but are more power-efficient in streaming video. For web browsing, the AT&T Samsung Galaxy Note consumes less power than the other devices. Given the Note’s larger display size, its performance on streaming video and web browsing power consumption indicates that other features of the device compensate for the expected drain on the battery from this component.
- Not surprisingly, the superior battery capacity of the Motorola DROID RAZR MAXX allows it to outperform other devices in battery life in all applications, with circuit-switched voice calling being the most noticeable.

- As an indicator of challenges faced by device OEMs, all of the devices under test would last less than five hours on a fully charged battery if browsing the web or streaming video, applications which should be increasingly critical to the LTE subscriber experience.

More information about the report, including how to request device-specific analytics, can be found at: [http://www.metricowireless.com/library/library.cfm/pid/lte\\_the\\_subscriber\\_experience\\_international\\_ctia\\_wireless\\_2012\\_edition](http://www.metricowireless.com/library/library.cfm/pid/lte_the_subscriber_experience_international_ctia_wireless_2012_edition).

### **About Metrico Wireless, Inc.**

Metrico is a [trusted partner](#) to carriers and OEMs bringing winning mobile products to market. Since our inception, we have set the standard for mobile device, network and service performance measurement. Our patented technologies and methodologies enable robust, objective and repeatable analysis of performance from the subscriber point of view, in laboratory and live network conditions. We deliver unmatched [Fit4Launch Services](#), cloud-based [Measurement Systems](#), and [Insights Services](#), which our customers rely on to drive quality, minimize network impact, and market their brands more effectively. Metrico has evaluated over 800 device models for carriers and manufacturers. Additional information on the company may be found at [www.metricowireless.com](http://www.metricowireless.com).

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