

Zaujímavé použitie modulov DIGI XBee pri experimentoch NASA s technológiou EXO Brake v kozme.

Moduly XBee boli použité na zber dát zo senzorov - teploty, tlaku vzduchu a 3-osého snímače zrýchlenia.

XBee Takes Flight at NASA Wallops Flight Facility

[You may remember this post from last year](#)

<http://www.digi.com/blog/community/one-small-step-for-xbee-one-giant-leap-for-wireless/>

sharing the upcoming NASA experiment involving XBee. Well, after a few delays (launching rockets is complicated!), XBee finally took



flight.

Early in the morning on July 7, NASA launched a NASA Black Brant IX suborbital sounding rocket from their [Wallops Flight Facility](#). Onboard the rocket was an experiment testing Exo-Brake technology. XBee was used to collect sensor data including temperature, air pressure, and 3-axis acceleration parameters.

NASA is considering Exo-brakes as a possible solution for returning cargo from the International Space Station (ISS), orbiting platforms or as possible landing mechanisms in low-density atmospheres. This was one of many tests used to analyze its effectiveness, but the first to incorporate an XBee connected sensor network. If you would like to read more about the Exo-brake, [check out this article](#).

<http://www.gizmag.com/exo-brake-drogue-parachute-satellite-test/36504/>



We'll have more coverage coming soon including video interviews with the engineers involved. In the meantime, you can learn more about the experiment in the articles linked below:

[**NASA's Official Announcement on the Launch**](#)

[**Wireless-in-Space: How NASA Testing is One Small Step for Planetary Internet**](#) | **Wireless Design Mag**

[**IoT Tech Goes to Space with NASA**](#) | **IoT Evolution**

<http://www.iotevolutionworld.com/iot/articles/406199-iot-tech-goes-space-with-nasa.htm>

Have any questions about the launch or the technology involved in the experiment? You can reach us on Twitter at [@XBeeWireless](#) or comment below.

You are more than welcome to embed this Youtube video on your Xbee related pages, see here: [XBee Soars into Space on NASA Rocket](#)

Tags: [Exo-Brake](#), [IoT](#), [M2M](#), [NASA](#), [Space](#), [Wallops](#), [xbee](#)