

Unlicensed Spectrum: Untold Value

Unlicensed spectrum--which powers Wi-Fi, bluetooth and a range of other wireless technologies--makes networks better, unleashes new technologies and contributes billions to the U.S. economy.

The Question:

How does unlicensed spectrum support the U.S. economy?

The Findings:



Wi-Fi offloading: +\$3.12B in 2013

Wi-Fi offloading reduces the amount of data being carried on the cellular bands, freeing bandwidth for other users--when you switch from mobile to Wi-Fi data on your phone.



Wireless Internet Service Providers: +\$1.439B last year



Bluetooth, ZigBee, and WirelessHART enabled products: \$2.166B



Wi-Fi only tablet sales: +\$42.872B economic surplus



RFID use: \$130.83B economic surplus

RFID is a wireless technology used for tracking and identifying. Commonly, RFID tech helps retail manage inventory or maintain logistics for supply chains.



Wi-Fi enabled homes: saved \$36B in economic surplus

Wi-Fi Adds:



More than \$200 billion in economic value every year to the U.S. economy.



Wi-Fi increases the value of broadband and makes mobile data faster and cheaper.



Unlicensed spectrum used for Wi-Fi are a support innovative services and new tech.



Unlicensed spectrum supports the launch of innovative business models.