

## Spectrum allocation for ultra wide band devices

### Discussion paper on ultra wide band communication devices

The Ministry of Economic Development has released a public [discussion paper](#) on spectrum allocations for ultra wide band (UWB) Communication Devices

Potential applications for such devices include high speed wireless networking in the workplace or at home, high precision location of moving or stationary items in sports, agriculture and warehousing industries, and applications in multimedia and entertainment.

UWB communication technology operates in spectrum spanning the range between 3.1 GHz and 10.6 GHz, and is intended to be used within a 'public park' licensing framework. This paper solicits the opinions of UWB vendors, potential UWB users, existing spectrum users, and other stakeholders on the most appropriate approach to the licensing of UWB communications devices in New Zealand.

Interim licensing arrangements have been in place to accommodate this technology since October 2005, pending international developments.

More definitive regulations are now being considered as a result of international standards maturing and the growing interest in UWB communication applications.

Submissions to the discussion paper closed 15 May 2008.

 Also available as [Discussion paper on ultra wide band communication devices \[232 kB PDF\]](#)

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### [Discussion paper](#)

Spectrum allocations for ultra wide band communication devices - a discussion paper. First published in April 2008 by the Radio Spectrum Policy and Planning Group, Energy and Communications Branch, Ministry of Economic Development.

### [Summary of submissions and outcomes](#)

The Ministry of Economic Development has released a report on spectrum allocations for ultra wide band (UWB) communication devices, following a public consultation process. The report summarises the submissions received from industry and other stakeholders and outlines licensing arrangements to accommodate UWN communication applications.

### [Submissions](#)

In response to the discussion paper on Spectrum Allocation for UWB Communications Devices the Ministry received six submissions. These were provided by diverse interests including cellular operators, fixed service operators, equipment manufacturers and an industry Standards body.