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## Commentary

The Current Status and Prospect of Large-Scale High-Temperature Superconducting Magnet Development:  
Large-Scale Magnet Development Using Segmented Fabrication and  
Joint Techniques of High-Temperature Superconducting Conductors

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## Cover

A Ka-band microwave Doppler reflectometer system was constructed for the Large Helical Device (LHD) using a comb frequency generator as a source. The color maps show the temporal evolution of complex frequency spectra obtained by four frequency channels (that is, four observation points). The Doppler shift at this frequency spectrum corresponds to the poloidal velocity of the turbulence. The estimated frequency peak of the Doppler shift clearly changes at each observation point around the time of the interruption of the tangential NBI. (Tokihiko TOKUZAWA *et al.*, Plasma and Fusion Research Vol.9, 1402149 (2014) <http://www.jspf.or.jp/PFR/>)