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Title: Information on IEEE 802.20 on Mobile Broadband Wireless Access

Abstract:

This presentation will provide background information on IEEE 802.20 MBWA Working Group that is developing a standard for mobile broadband wireless access systems operating in licensed bands below 3.5 GHz, optimized for IP-data transport, with peak data rates per user in excess of 1 Mbps. It supports various vehicular mobility classes up to 250 Km/h and targets spectral efficiencies, sustained user data rates and numbers of active users that are all significantly higher than achieved by existing mobile systems. The Draft Standard for Mobile Broadband Wireless Access is currently undergoing the balloting process. Systems based on this standard may share the bands that are allocated to the mobile service (below 3.5 GHz) and the bands which fall within the purview of the work being undertaken to address ITU WRC-2007, Agenda Items 1.4 and 1.9.