

Low cost wireless equipment and subsequent systems will allow broadband wireless access to spread into mass deployment, (e.g. Small cities, rural and underserved areas) with strong emphasis to the residential sector. It can be expected that such deployment would considerably increase the demand for more bandwidth (required high data rates) in the residential / home and SOHO / small business environment. Applications of future services may include high definition TV, (requires at least 19 Mbps). Taken this into consideration, the requirement of a substantial back-haul system is imperative.

The present development of equipment and availability of the 70 to 90 GHz band in conjunction with present and future fixed and mobile BBWA equipment would substantially support the increase of bandwidth by utilizing e.g. a “Mesh-Network” configuration as a back-haul requirement within the 70- 90 GHz band.

Further, in conjunction with the above criteria, I do not support an auction in any form of geography / Band Manager. It is suggested that a Point to Point, Part 101 licenses with normal license fee (Band coordination) to be taken into serious consideration.