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CHARACTERISTICS OF INCUMBENT TERRESTRIAL SYSTEMS IN THE 2500-2690 MHZ BAND

1 Introduction

This contribution was developed by IEEE Project 802, the Local and Metropolitan Area Network Standards Committee (“IEEE 802”), an international standards development committee organized under the IEEE and the IEEE Standards Association (“IEEE-SA”).

The content herein was prepared by a group of technical experts in IEEE 802 and industry and was approved for submission by the IEEE 802.16 Working Group¹ on Wireless Metropolitan Area Networks and the IEEE 802 Executive Committee, in accordance with the IEEE 802 policies and procedures, and represents the view of IEEE 802.

IEEE had previously submitted characteristics to JTG 6-8-9 ([Doc. 6-8-9/41](#)). These characteristics are not part of the IEEE 802.16 specifications, as IEEE 802 develops interoperability standards that do not include implementation characteristics. The previously submitted characteristics had been provided by industry to IEEE 802.16 and represent incumbent systems that were being planned and/or retrofitted with IEEE 802.16 technology at the time of the original submission. As such, the characteristics, including the antenna patterns which had not been provided previously, are very similar to others already available to JTG 6-8-9 from other sources (cf. [Annex 2](#) to [Doc. 6-8-9/46](#)). Thus the table entries under IEEE Doc 41 in Annex 2 of Doc. 6-8-9/46 provide no new information and may be deleted.

The focus in IEEE 802.16 is on the development of interoperability standards, and the characteristics necessary for sharing studies might not be contained in these standards. Therefore, it is preferable that industry groups dealing with implementation and certification issues provide the information directly to JTG 6-8-9. In the future, industry groups such as the WiMAX Forum may wish to provide additional characteristics directly to JTG 6-8-9.

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