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IEEE 802.16-01/36

IEEE 802.16 Working Group on Broadband Wireless Access

<http://WirelessMAN.org>



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Judith Gorman
Secretary, IEEE-SA Standards Board
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Dear Judy:

It has come to the attention of the IEEE 802.16 Working Group on Broadband Wireless Access that Mr. Jay Klein has submitted to you a request for Interpretation of Recommended Practice IEEE 802.16.2. Mr. Klein was kind enough to provide a copy of his request directly to the Working Group for consideration at its Session #13 last week; we have filed it as Document IEEE 802.16-01/34, at the URL http://ieee802.org/16/docs/01/80216-01_34.pdf.

A draft interpretation was generated by Phil Whitehead, Chair of 802.16's Task Group 2, which led the development of the Recommended Practice. Mr. Whitehead refined the draft interpretation with Task Group 2 and then presented the result for consideration by the Working Group at its Closing Plenary meeting on 13 July 2001. The Working Group discussed the proposed interpretation and then approved it by a vote of 27 Approve, 0 Disapprove.

The approved Interpretation is available as Document IEEE 802.16-01/35, which can be found at the URL http://ieee802.org/16/docs/01/80216-01_35.pdf. I have attached a copy for your convenience.

Best regards,

A handwritten signature in black ink that reads 'Roger'.

Dr. Roger B. Marks
Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Jim Carlo, Chair, IEEE 802 LAN MAN Standards Committee
Yvette Ho Sang, Associate Manager, IEEE Standards Publishing
Phil Whitehead, Chair, Task Group 2, IEEE 802.16



Interpretation of Recommended Practice IEEE 802.16.2

Section 6.1.3 of the Recommended Practice relates to out-of-block unwanted emissions. Figure 7 provides an example application of out-of-block unwanted emission limits. The transmitter spectrum shown in the figure is an example of a typical actual spectrum, for one possible channel bandwidth. It shows the relationship between the placement of the example carrier and the block edge mask, so as to meet the recommended out-of-block limits.

It is not an emission mask and there is no intention to imply the use of any particular mask. The system designer is free to choose the levels and placement of carrier frequencies in order to meet the recommended out-of-block emission limits.

Note: This Interpretation was unanimously approved by the IEEE 802.16 Working Group on Broadband Wireless Access on 13 July 2001. It was developed in response to a draft request for interpretation that was brought to the attention of the Working Group (see Document IEEE 802.16-01/34 at http://ieee802.org/16/docs/01/80216-01_34.pdf).