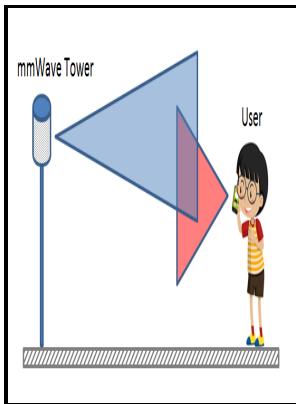


Atmospheric modelling and millimetre wave propagation

Chapman & Hall - [PDF] An updated model for millimeter wave propagation in moist air



Description: -

- Radio wave propagation.
- Millimeter waves -- Atmospheric effects.
- Atmosphere -- Mathematical models.
- Atmospheric modelling and millimetre wave propagation
- Atmospheric modelling and millimetre wave propagation
- Notes: Includes bibliographical references and index.
- This edition was published in 1995



Filesize: 10.104 MB

Tags: #Millimeter

Millimeter

Reflection and refraction by atmospheric layers.

Millimeter Wave Propagation Modeling, Proceedings of SPIE

All models consider hydrometeors as having temperatures between 0°C and 40°C and permit arbitrary input of atmospheric parameters and geometry slant range. NTIA does not make any warranty of any kind, express, implied or statutory, including, without limitation, the implied warranty of merchantability, fitness for a particular purpose, non-infringement and data accuracy. Absorption and dispersion in atmospheric gases.

Atmospheric Modelling and Millimetre Wave Propagation

It should be of interest to engineers in radar, communications, broadcasting and remote sensing. Also, those concerned with interpretation of remote sensing data in the millimetre-wave region, must take account of radio propagation effects. The computer models presented allow calculation of atmospheric transmission or attenuation for millimeter and submillimeter waves 1-34 cm⁻¹ or 1-1000 GHz.

Atmospheric Modelling and Millimetre Wave Propagation by P. A. Watson and G. Brussaard (1994, Hardcover) for sale online

Address: 310 Edward Street, Brisbane City, QLD. You can use, copy, modify, and redistribute the NTIA-developed software upon your acceptance of these terms and conditions and upon your express agreement to provide appropriate acknowledgments of NTIA's ownership of and development of the software by keeping this exact text present in any copied or derivative works. Whether the interest is in telecommunications or in remote sensing, it is essential for the system designer to have techniques for taking radiowave interaction with atmosphere into account in evaluating the performance of systems.

Atmospheric Modelling and Millimetre Wave Propagation

ITS performs basic research in radio science that provides the technical foundation for NTIA's policy development and spectrum management activities.

Atmospheric modelling and millimetre wave propagation in SearchWorks catalog

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