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Propagation at frequencies above the basic MUF Report ITU-R P.2011



Recommendation ITU-R P.373 defines the basic MUF as "the highest frequency by which a radio wave can propagate between given terminals, on a specified occasion, by ionospheric refraction alone". The Recommendation also recognizes that this does not necessarily define the maximum transmission frequency for those circumstances, since a definition is also given for the operational MUF.

With this background, the Report describes the various mechanisms which may contribute to propagation above the basic MUF and provides information on the production of signal interaction at such frequencies.

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