Evaluation of Wave Propagation Parameters using MATLAB Simulation Software

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Abstract: *In wave Propagation, the terminology that has grown up around the ionosphere and types of Wave Propagation includes several names and expressions. In this paper, here we will find out different parameters like Maximum Usable Frequency (MUF) for Sky Wave Propagation and Radio Horizon for Space Wave Propagation using Simulation software i.e., MATLAB. But MATLAB software requires licence. Here these different parameters of wave propagation are evaluated using Simulation software MATLAB Online for free.*

Keywords: MATLAB, Maximum Usable Frequency (MUF), Radio Horizon.

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