

Observation of 12GHz Radio Wave Fluctuation using BS Antenna : Relationship to Atmospheric Conditions

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A 12GHz radio wave has been received by a BS antenna, and radio wave fluctuation under rainfall has been observed. We also have observed rain intensity by a tipping bucket type rain recorder and that makes it clear that they are correlated. This presentation also discusses the correlations with other atmospheric conditions.

Keywords: 12GHz radio wave fluctuation, BS antenna, atmospheric condition

