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Room:201A

Time:May 23 11:15-11:30

Comparison of Ka-band Rainfall Attenuation Measurement between radio interferometry and Nowcast data for WINDS satellite

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A rain attenuation on the Ka band has been measured with weather data by Japan Meteorological Agency and with their own rainfall meters.

We have developed Ka band radio interferometer to measure the complex fringe data of WINDS satellite radio wave.

We compared the estimated rainfall attenuation with the NowCast data of Japan Meteorological Agency and conventional data of rain attenuation.

Keywords: WINDS, Rainfall Attenuation