



May 18, 2012 (JST)

Global Change Observation Mission 1st – Water “SHIZUKU” (GCOM-W1) AMSR2 Antenna Deployment

Japan Aerospace Exploration Agency (JAXA) confirmed that the Global Change Observation Mission 1st – Water “SHIZUKU” (GCOM-W1) successfully deployed the antenna of the Advanced Microwave Scanning Radiometer 2 (AMSR2)* via telemetry received at the Katsuura Tracking and Communication station.

The satellite is currently in good health.

※ : Advanced Microwave Scanning Radiometer2 (AMSR2)

The AMSR2 measures electromagnetic waves called microwaves (six bandwidths between 7 GHz and 89 GHz) emitted from nature, such as the ground and ocean surface as well as objects in the atmosphere, to observe eight geophysical parameters (integrated water vapor, integrated cloud liquid water, precipitation, sea surface temperature, sea surface wind speed, sea ice concentration, snow depth, soil moisture content).

Renderings of AMSR2 antenna deployment are attached below. For more information about AMSR2, please check the following Countdown website.

http://www.jaxa.jp/countdown/f21/index_e.html

(Next information release schedule)

We plan to provide images of SHIZUKU’s AMSR2 antenna deployment captured by an onboard camera at about 6:00 p.m. on May 18 (JST.)

<<Renderings of AMSR2 antenna deployment>>

Prior to AMSR2 antenna deployment



After AMSR2 antenna deployment

