

Jyh-Ching

Juang

National Cheng Kung University, Taiwan

Sheng-Hsiung Ma, National Cheng Kung University, Taiwan

Chen-Tsung Lin, National Space Organization, Taiwan

Invited Talk

(Invited Talk)

To augment the FORMOSAT-7 (COSMIC-2) GNSS radio occultation mission, a space GNSS-R (reflectometry) mission has been planned in the FORMOSAT-7R program. Even though radio occultation and reflectometry rely on different types of receivers, the principles and processing chains are believed to be similar and, more importantly, the synergistic use of radio-occultation and reflectometry data is deemed to be of high potential to reveal the coupling effects. The paper will describe the status of the FORMOSAT-7R program and the development of the GNSS-R mission payload. The GNSS-R payload has been designed, manufactured, and tested. The paper will emphasize on certain unique features of the GNSS-R payload and some analysis results of the test data.

OSTS session

Regional and Global CAL/VAL for Assembling a Climate Data Record

Meeting name

Joint COSMIC Tenth Data Users' Workshop and IROWG-6 Meeting

[Download to PDF](#)