
CFOSAT Ground Segment Exploitation Review (Chinese side)

Congrong Sun*¹

¹Liu Jinpu,Lang Shuyan,Xu Yin,Ma Xiaofeng,Mu Bo, Liu Jianqiang,Lin Wenming,Xie Xuotong – China

Résumé

This presentation is the first review report of CFOSAT ground segments provided by NSOAS and CNES, mainly Chinese side(CHOGS). The ground system entered in its Routine phase starting from the end of November, 2019, after the end of the Verification Phase. After 2 year and 4 months operation, ground segment generate TBs data and distribute to thousands users. The availability, efficiency, consistency and correctness of CFOSAT products is CHOGS main concern. In order to evaluate the suitability of the ground segments to satisfy the mission objectives, we present the TM/TC routine works, data exchange between NSOAS/CNES, ground station status, product generation and distribution status, product validation result report, the main anomalies of payload and maintain operations. We will present evolutions planned in further on ground segments and data products and show some application achievement.

*Intervenant