

KOMPSAT Imagery Quality Report

- KOMPSAT-5 (January ~ February 2019) -

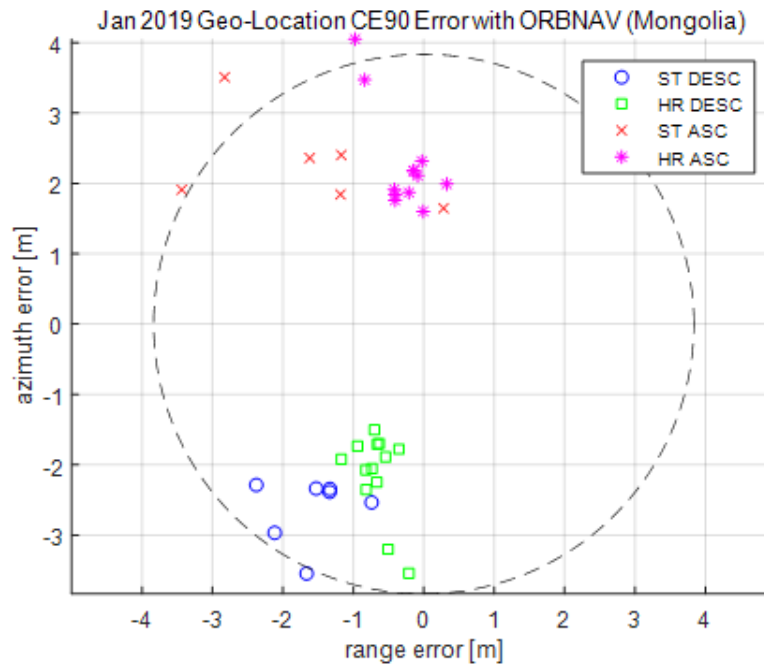
□ Quality of KOMPSAT-5

Satellite	Location(Geometric)	Ground Resolution		
		ES	EH	UH
KOMPSAT-5 (January 2019)	3.8356m CE90	< 2.5m	< 1m	< 0.85m
KOMPSAT-5 (February 2019)	3.5549m CE90	< 2.5m	< 1m	< 0.85m

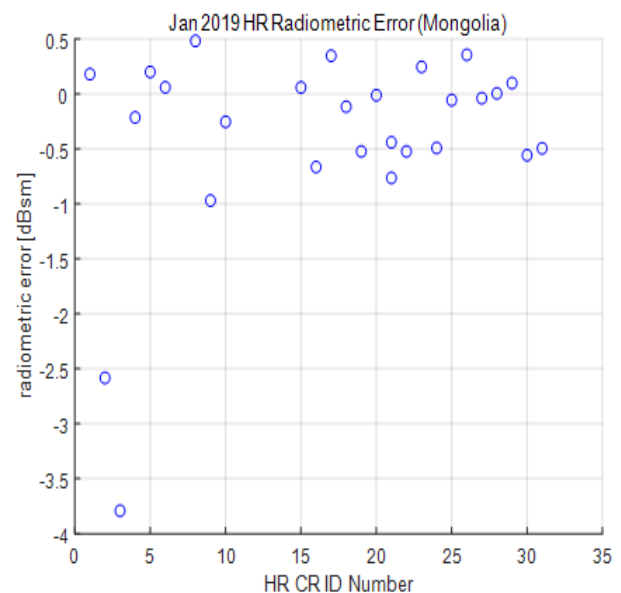
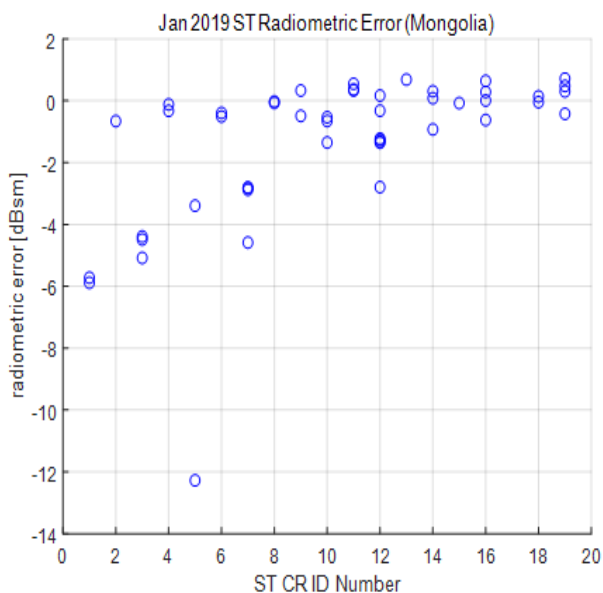
※ Above location (geometric) accuracy is measured with ORBNAV (GPS result from BUS).

1. KOMPSAT-5 Quality Report (January 2019)

○ KOMPSAT-5 Location Accuracy and Radiometric Error value



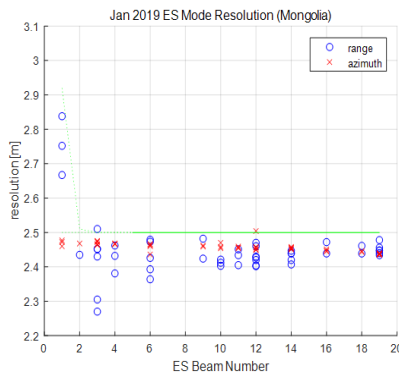
[Location Accuracy, K5 HR&ST]



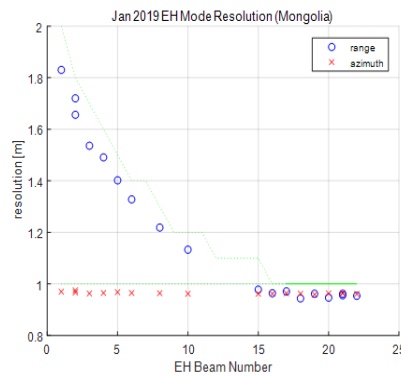
[Radiometric error, K5 HR&ST]

※ The seasonal factors in Mongolia resulted in higher values than standard.

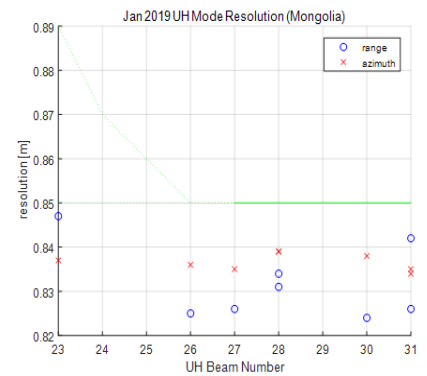
○ KOMPSAT-5 Ground Resolution



ES Mode < 2.5 m



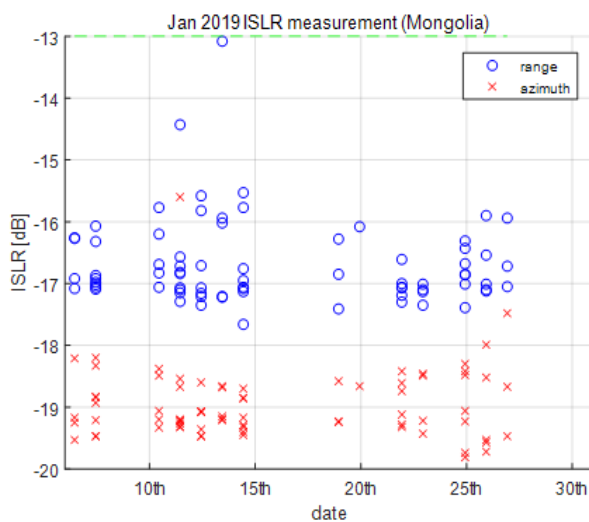
EH Mode < 1 m



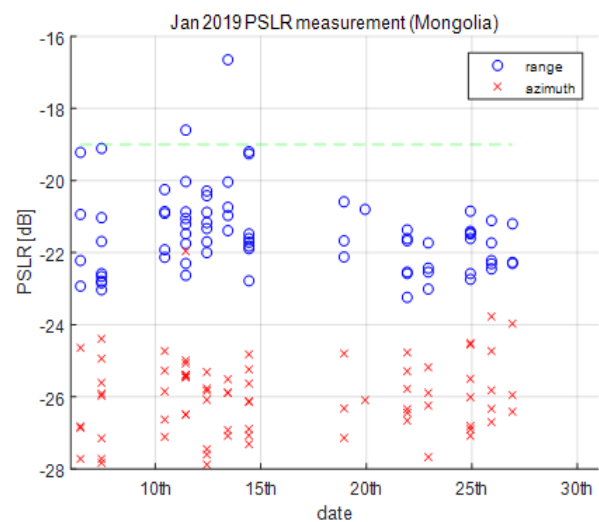
UH Mode < 0.85 m

※ The seasonal factors in Mongolia resulted in higher values than standard.

○ KOMPSAT-5 ISLR and PSLR



ISLR < -13 dBsm

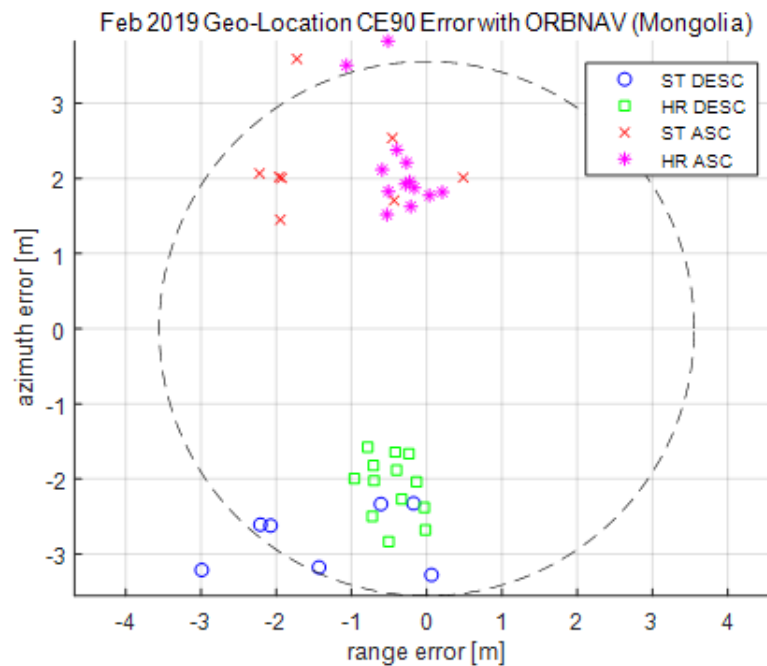


PSLR < -19 dBsm

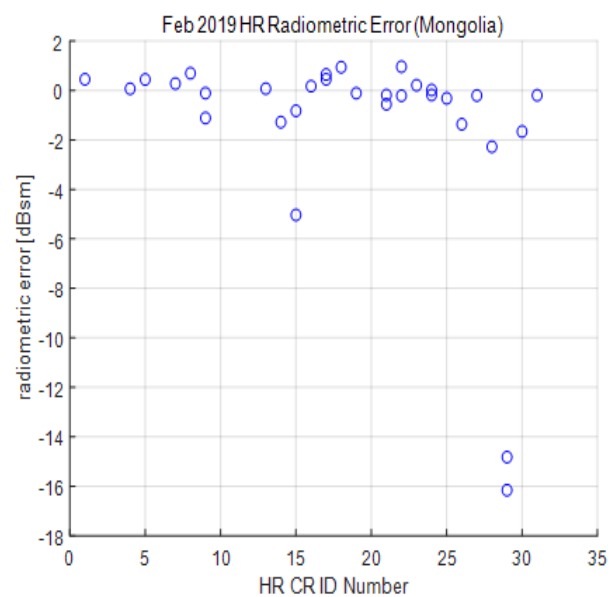
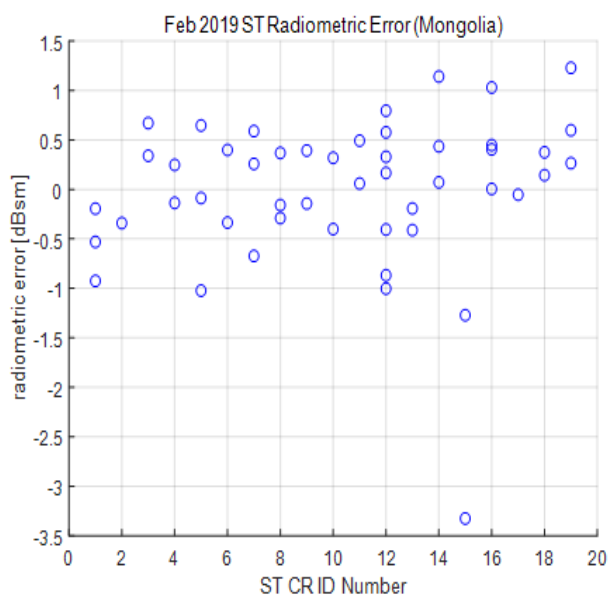
※ The seasonal factors in Mongolia resulted in higher values than standard.

2. KOMPSAT-5 Quality Report (February 2019)

○ KOMPSAT-5 Location Accuracy and Radiometric Error value



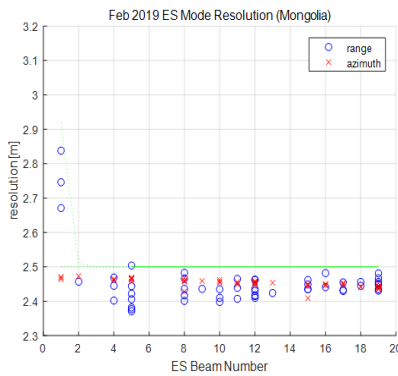
[Location Accuracy, K5 HR&ST]



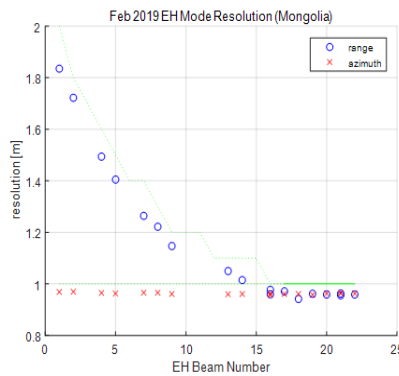
[Radiometric error, K5 HR&ST]

※ The seasonal factors in Mongolia resulted in higher values than standard.

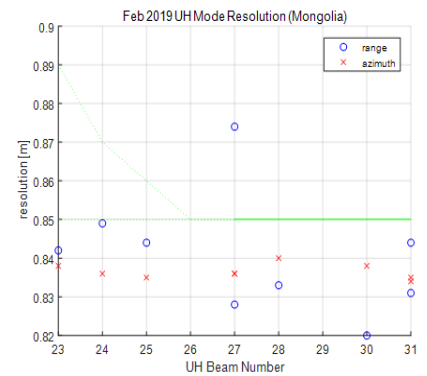
○ KOMPSAT-5 Ground Resolution



ES Mode < 2.5 m



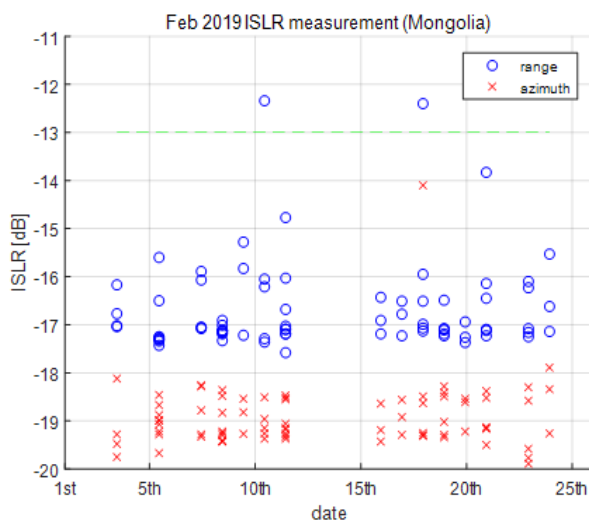
EH Mode < 1 m



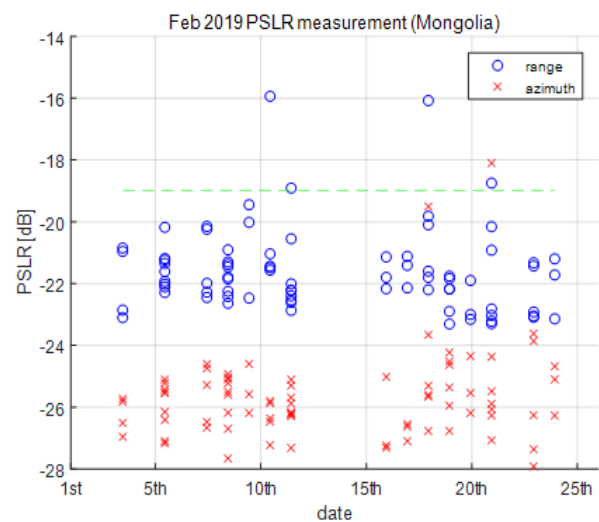
UH Mode < 0.85 m

※ The seasonal factors in Mongolia resulted in higher values than standard.

○ KOMPSAT-5 ISLR and PSLR



ISLR < -13 dBsm



PSLR < -19 dBsm

※ The seasonal factors in Mongolia resulted in higher values than standard.