KOMPSAT Imagery Quality Report

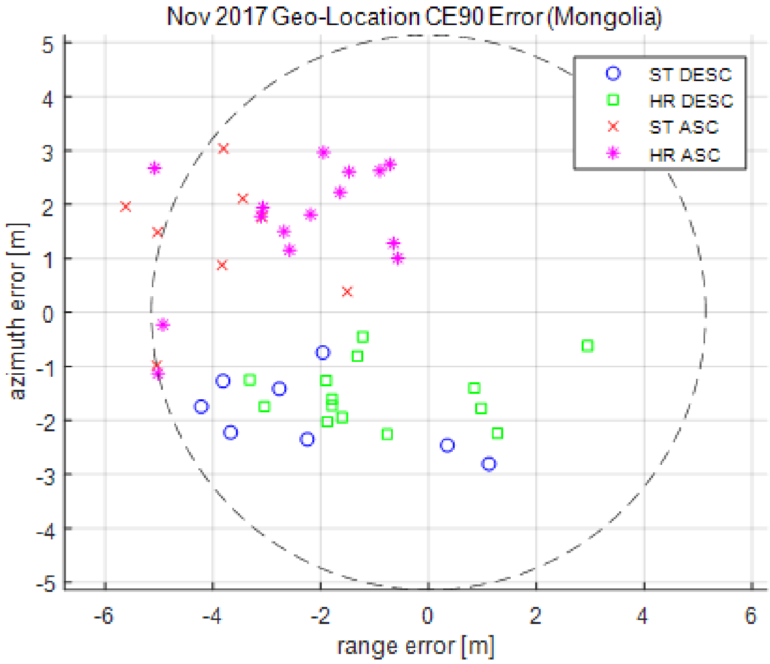
- KOMPSAT-5 (November ~ December 2017) -

☐ Quality of KOMPSAT-5

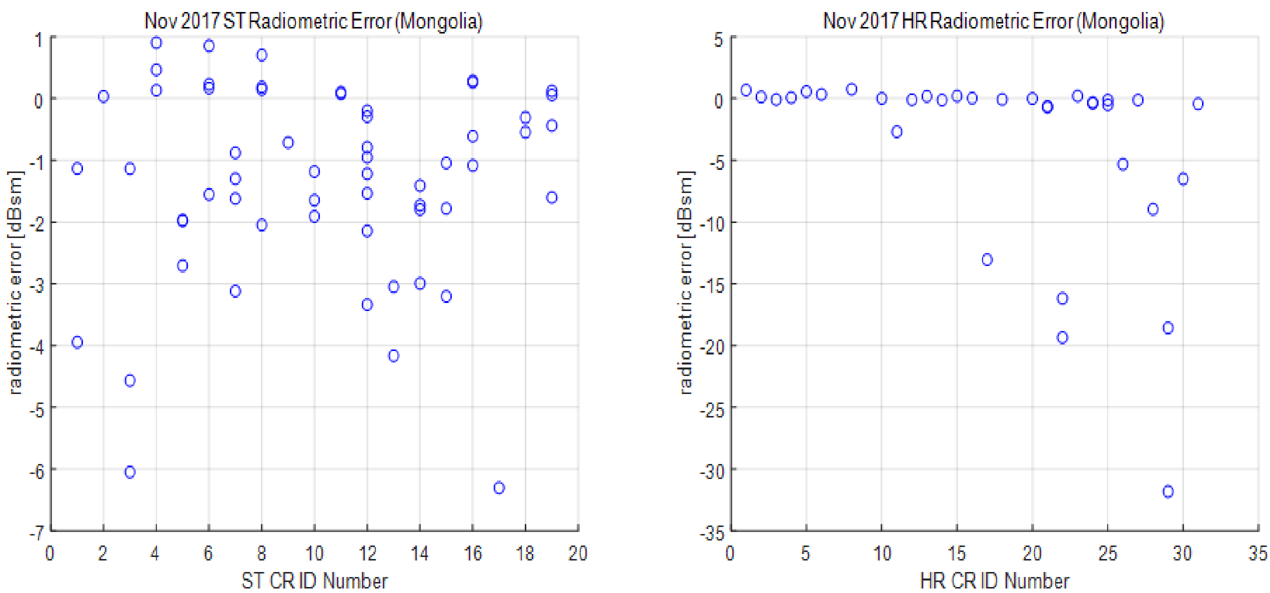
Satellite	Location(Geometric)	Ground Resolution		
		ES	EH	UH
KOMPSAT-5 (November 2017)	5.14m CE90	< 2.5m	< 1m	< 0.85m
KOMPSAT-5 (December 2017)	3.93m CE90	< 2.5m	< 1m	< 0.85m

1. Quality of KOMPSAT-5 (November 2017)

○ KOMPSAT-5 Location Accuracy and Radiometric Error value

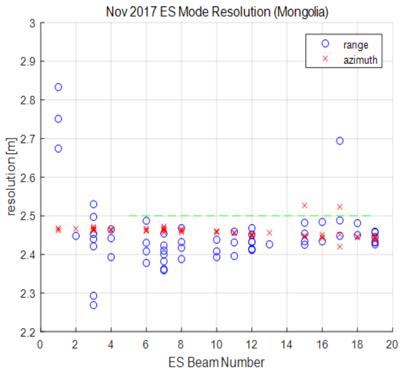


[Location Accuracy, K5 HR&ST, November 2017]

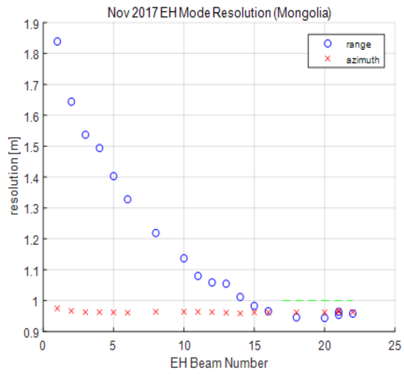


[Radiometric error, K5 HR&ST, November 2017]

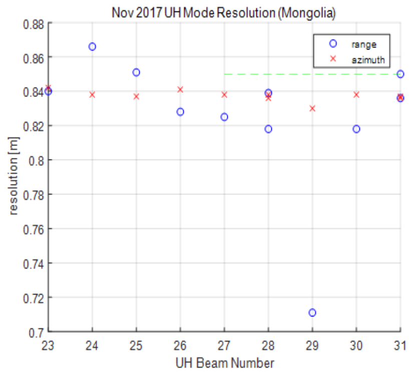
○ KOMPSAT-5 Ground Resolution



ES Mode < 2.5 m



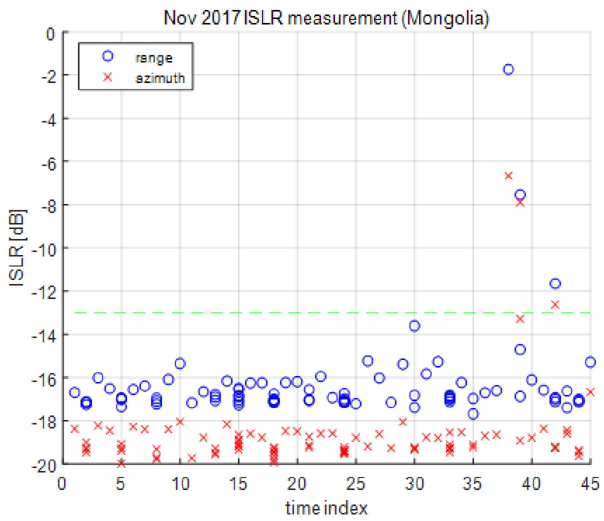
EH Mode < 1 m



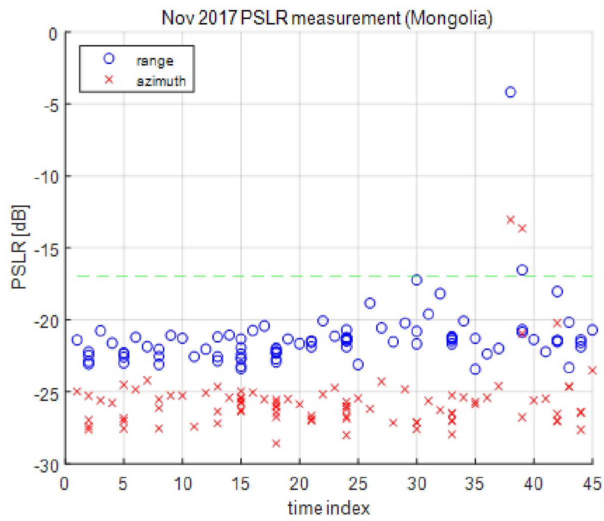
UH Mode <0.85 m

※ Due to the seasonal factor in Mongolia, some results exceeded standard value.

○ KOMPSAT-5 ISLR and PSLR



ISLR < -13 dBsm

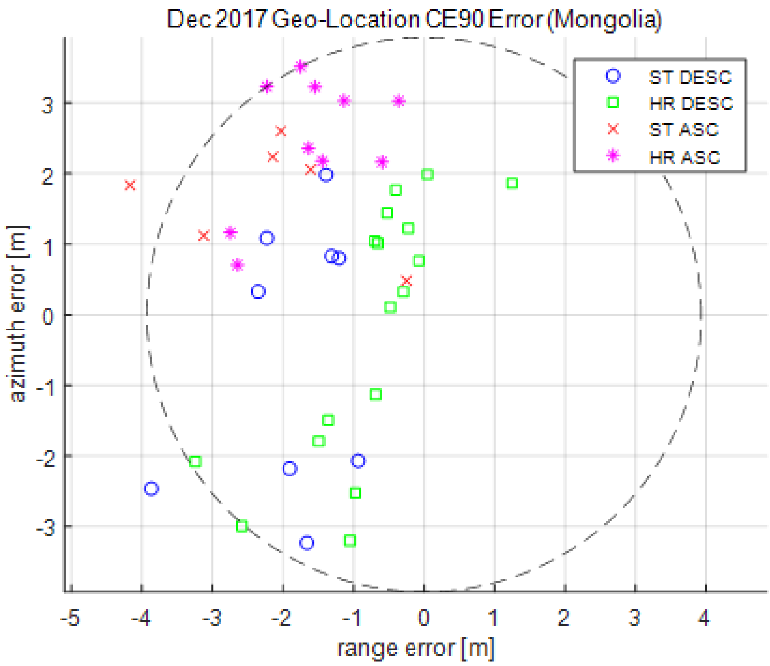


PSLR < -17 dBsm

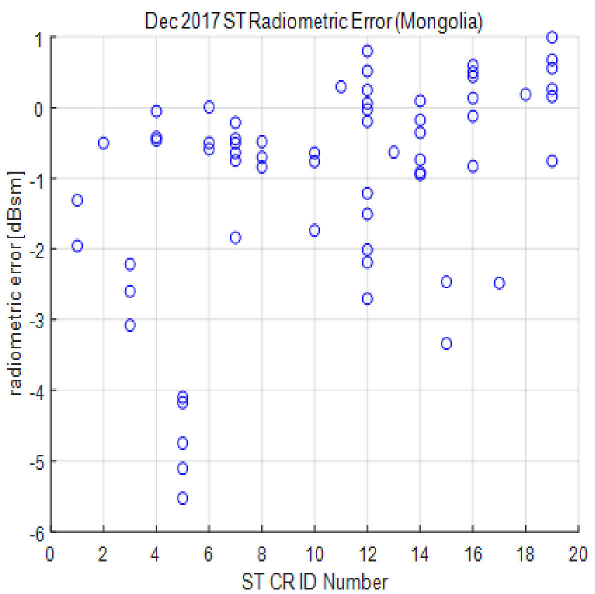
※ Due to the seasonal factor in Mongolia, some results exceeded standard value.

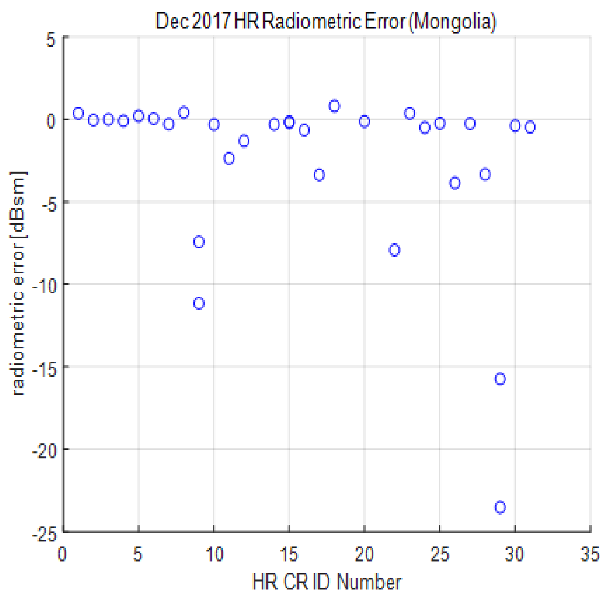
2. Quality of KOMPSAT-5 (December 2017)

○ KOMPSAT-5 Location Accuracy and Radiometric Error value



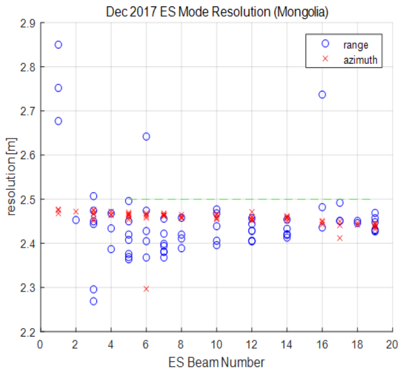
[Location Accuracy, K5 HR&ST, December 2017]

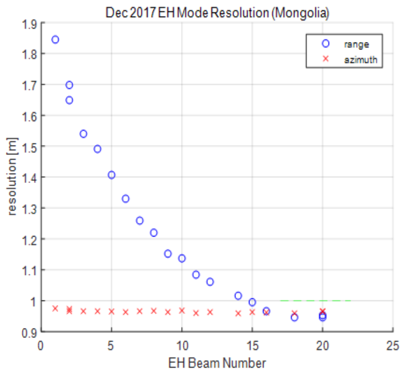


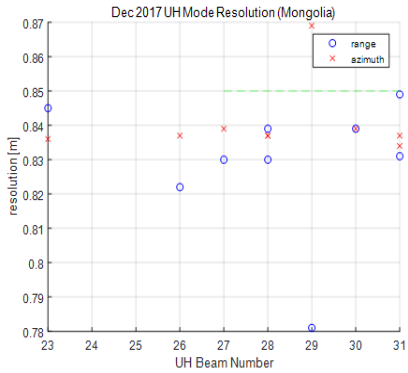


[Radiometric error, K5 HR&ST, December 2017]

○ KOMPSAT-5 Ground Resolution



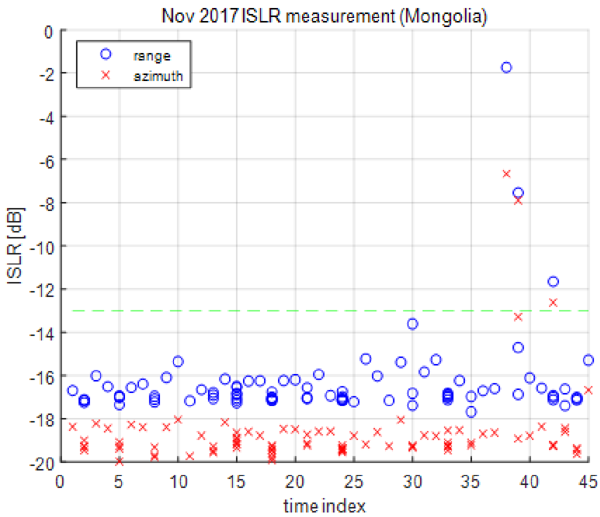


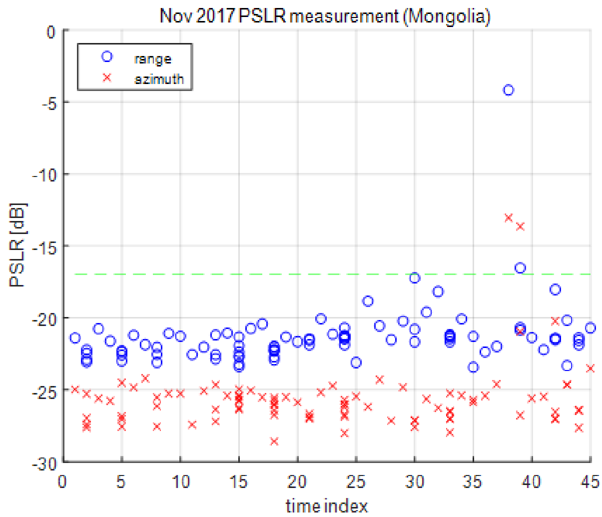


ES Mode < 2.5 m　　EH Mode < 1 m　　UH Mode <0.85 m

※ Due to the seasonal factor in Mongolia, some results exceeded standard value.

○ KOMPSAT-5 ISLR and PSLR





ISLR < -13 dBsm　　PSLR < -17 dBsm

※ Due to the seasonal factor in Mongolia, some results exceeded standard value.

November, December 2017