

KOMPSAT Imagery Quality Report

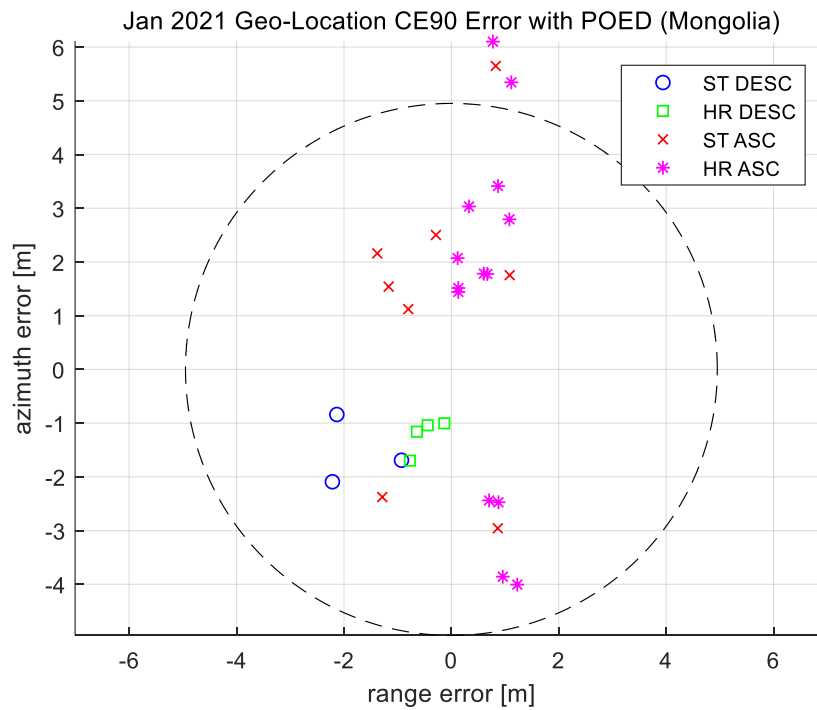
- KOMPSAT-5 (January ~ February, 2022) -

☐ Radar Satellite Image data Quality

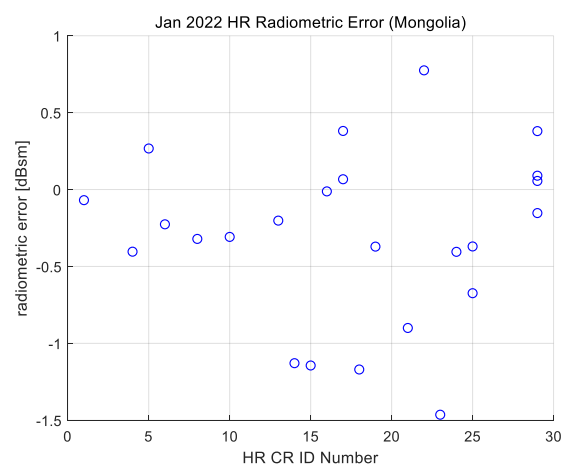
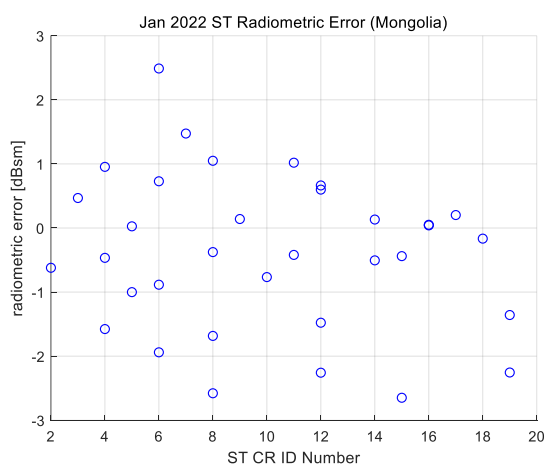
Satellite	Location(Geometric)	Ground Resolution		
		ES	EH	UH
KOMPSAT-5 (January 2022)	4.9512m CE90	< 2.5m	< 1m	< 0.85m
KOMPSAT-5 (February 2022)	4.6766m CE90	< 2.5m	< 1m	< 0.85m

KOMPSAT-5 Quality Report (January 2022)

- KOMPSAT-5 Location Accuracy (processed with POED) and Radiometric Error value

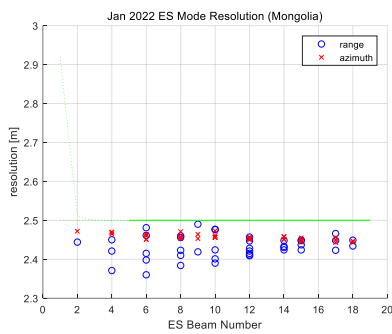


[Location Accuracy, K5 HR&ST, '22. 1.]

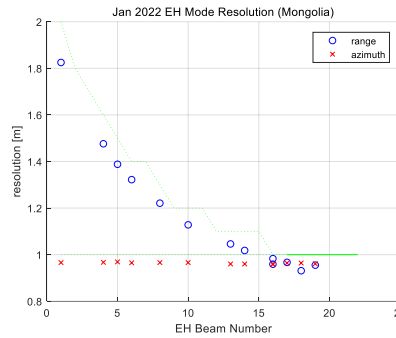


[Radiometric error, K5 HR&ST, '22. 1.]

○ KOMPSAT-5 Ground Resolution



ES Mode < 2.5 m



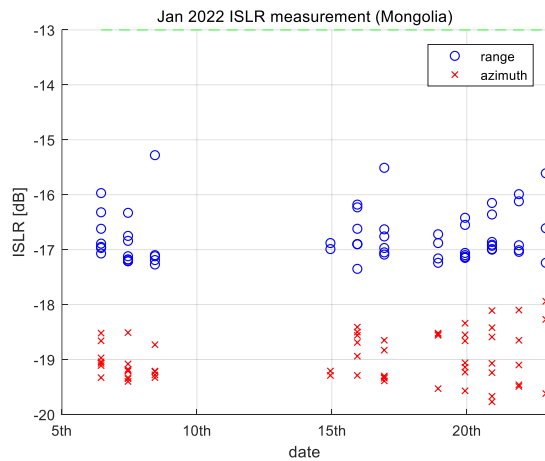
EH Mode < 1 m



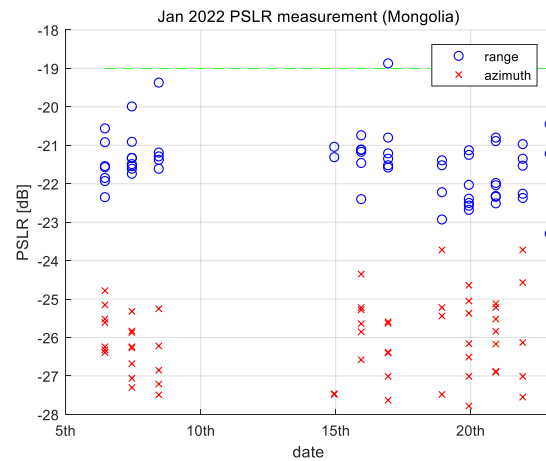
UH Mode < 0.85 m

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

○ KOMPSAT-5 ISLR and PSLR



ISLR < -13 dBsm

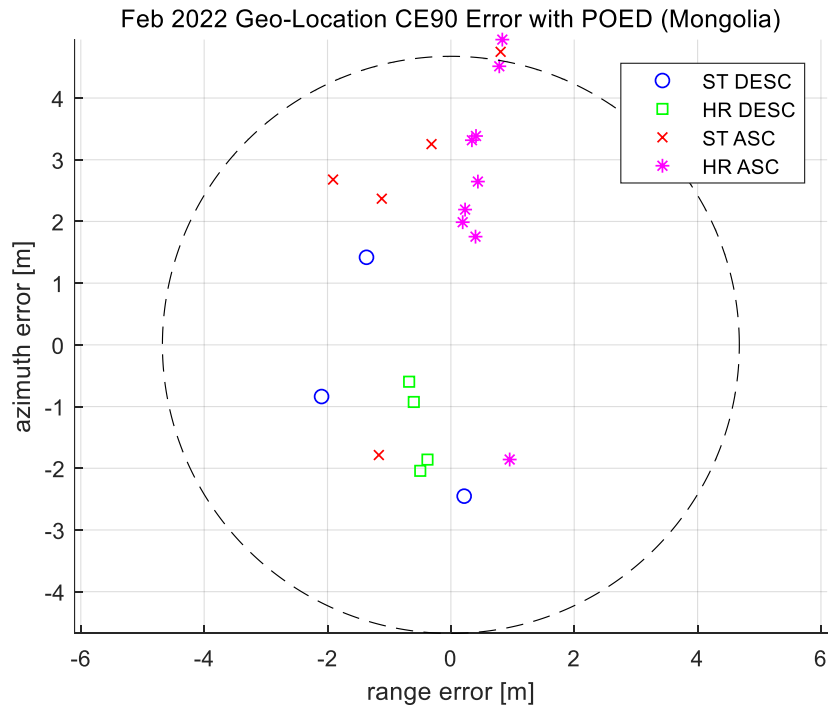


PSLR < -19 dBsm

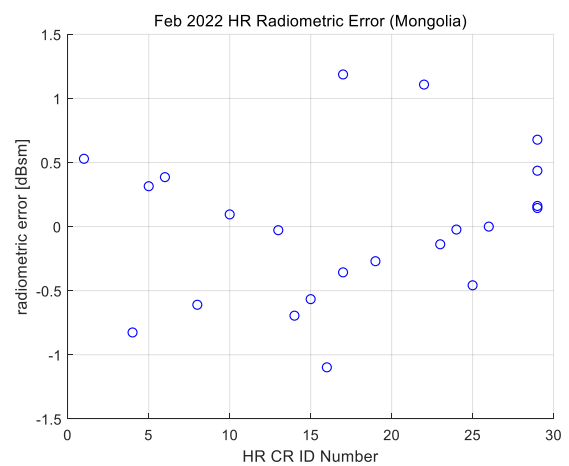
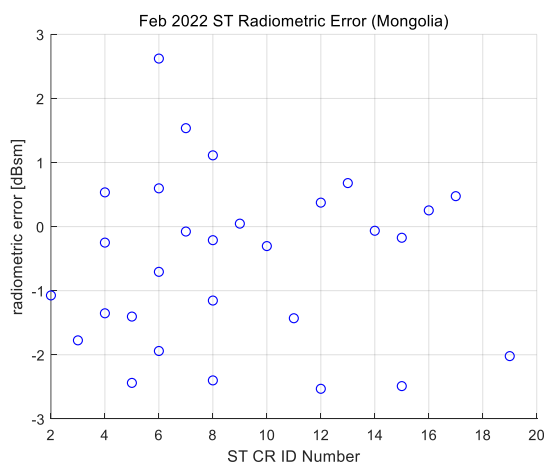
※ The seasonal factors in Mongolia resulted in higher values than standard.

KOMPSAT-5 Quality Report (February 2022)

- KOMPSAT-5 Location Accuracy (processed with POED) and Radiometric Error value

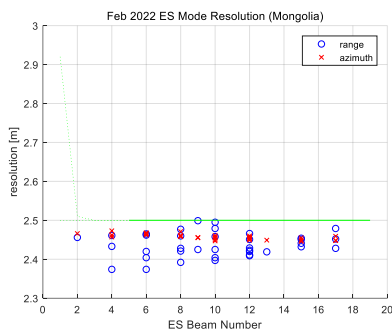


[Location Accuracy, K5 HR&ST, '22. 2.]

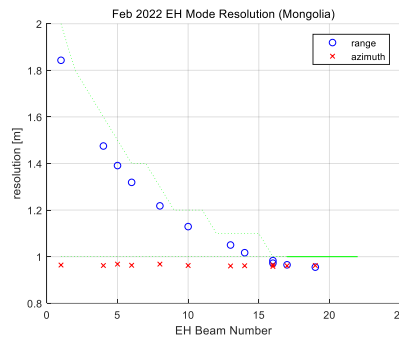


[Radiometric error, K5 HR&ST, '22. 2.]

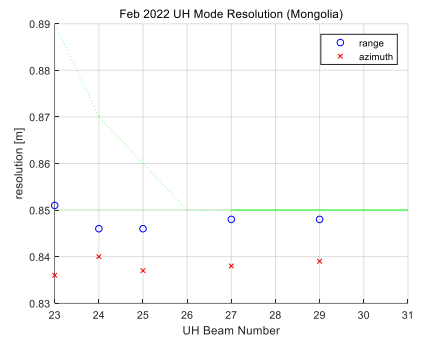
○ KOMPSAT-5 Ground Resolution



ES Mode < 2.5 m



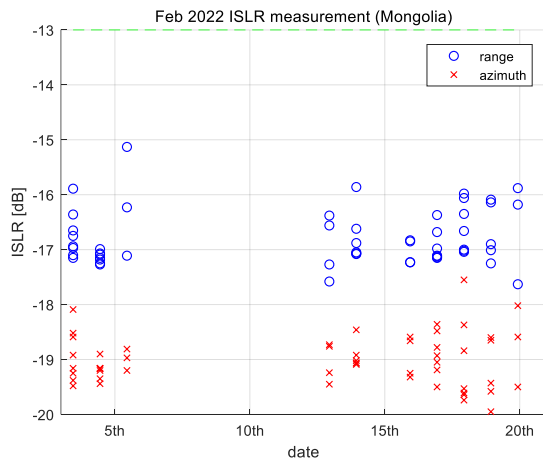
EH Mode < 1 m



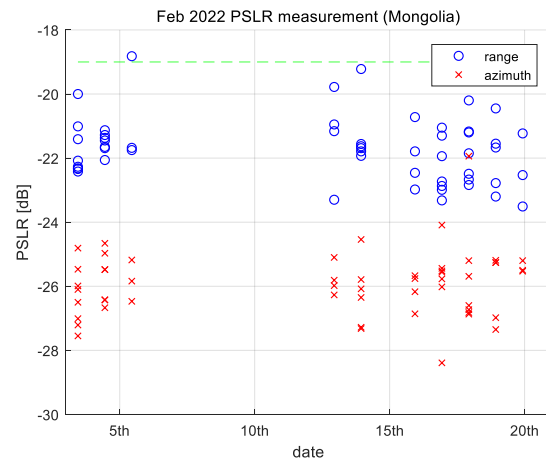
UH Mode < 0.85 m

※ 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.