KOMPSAT Imagery Quality Report

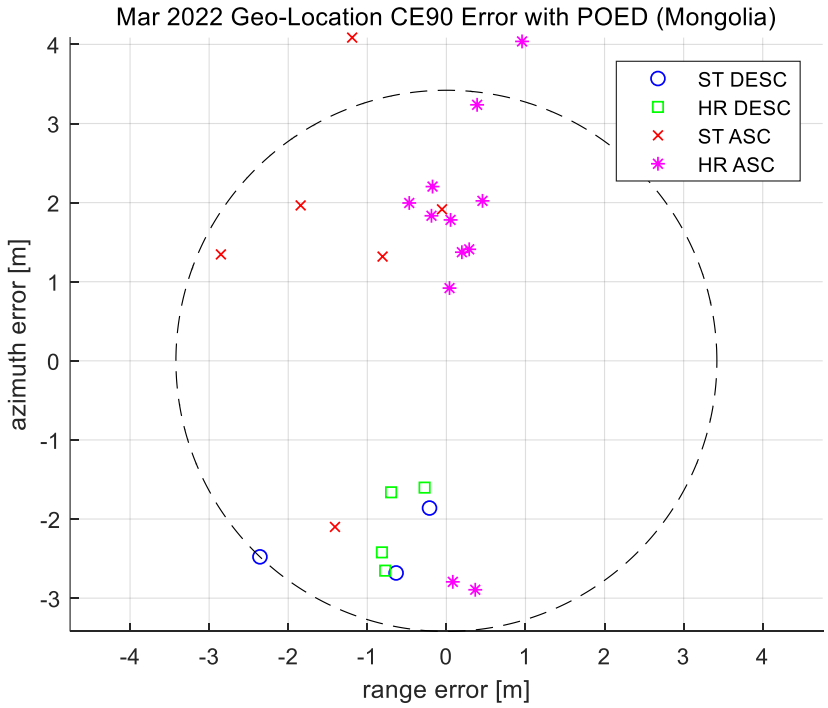
- KOMPSAT-5 (March~April, 2022) -

☐ Radar Satellite Image Data Quality

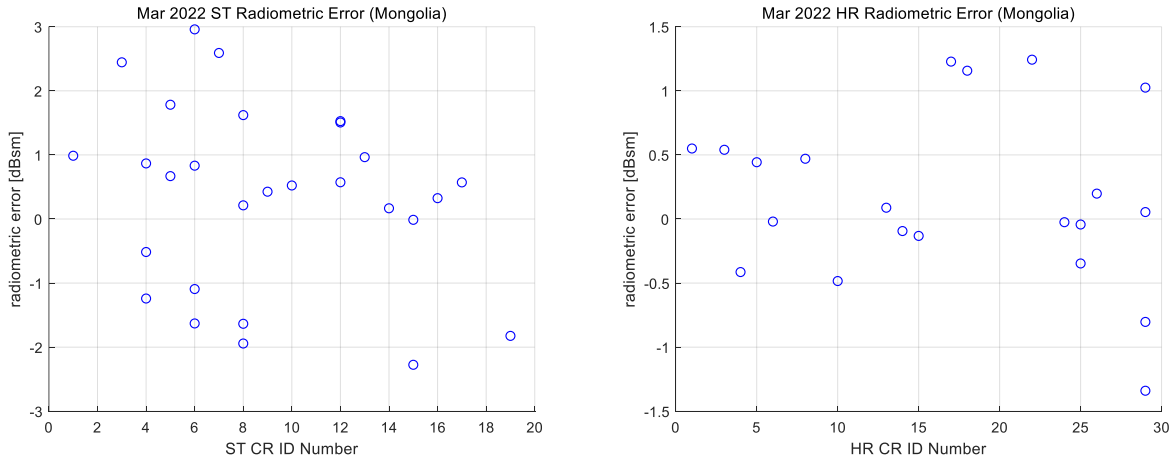
Satellite	Location(Geometric)	Ground Resolution		
		ES	EH	UH
KOMPSAT-5 (March 2022)	3.4203m CE90	< 2.5m	< 1m	< 0.85m
KOMPSAT-5 (April 2022)	2.6492m CE90	< 2.5m	< 1m	< 0.85m

March, April 2022

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

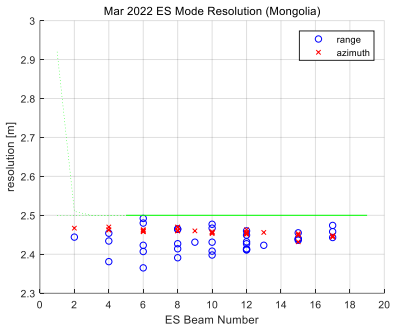


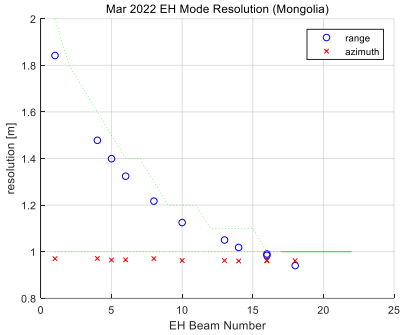
[Location Accuracy, K5 HR&ST, '22. 3.]



[Radiometric error, K5 HR&ST, '22. 3.]

○ KOMPSAT-5 Ground Resolution



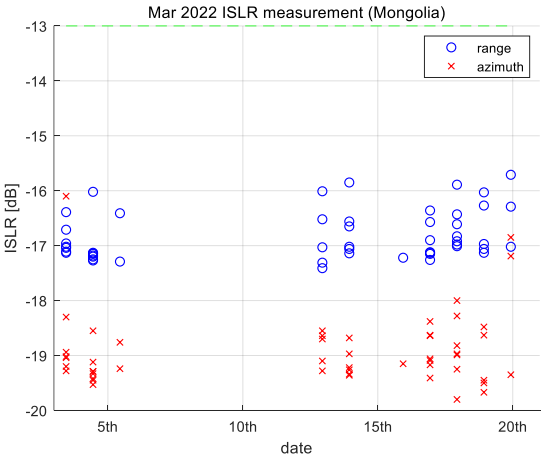


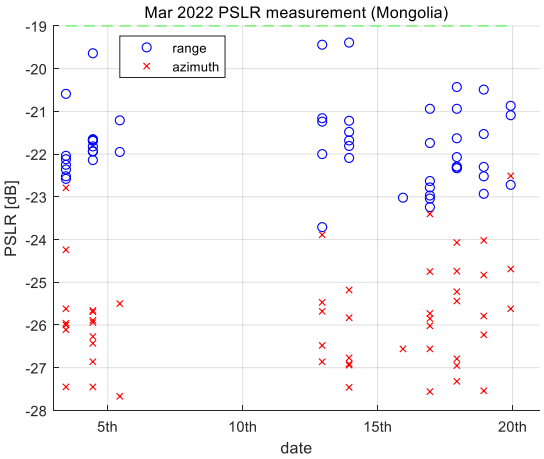


ES Mode < 2.5 m EH Mode < 1 m UH Mode <0.85 m

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

○ KOMPSAT-5 ISLR and PSLR

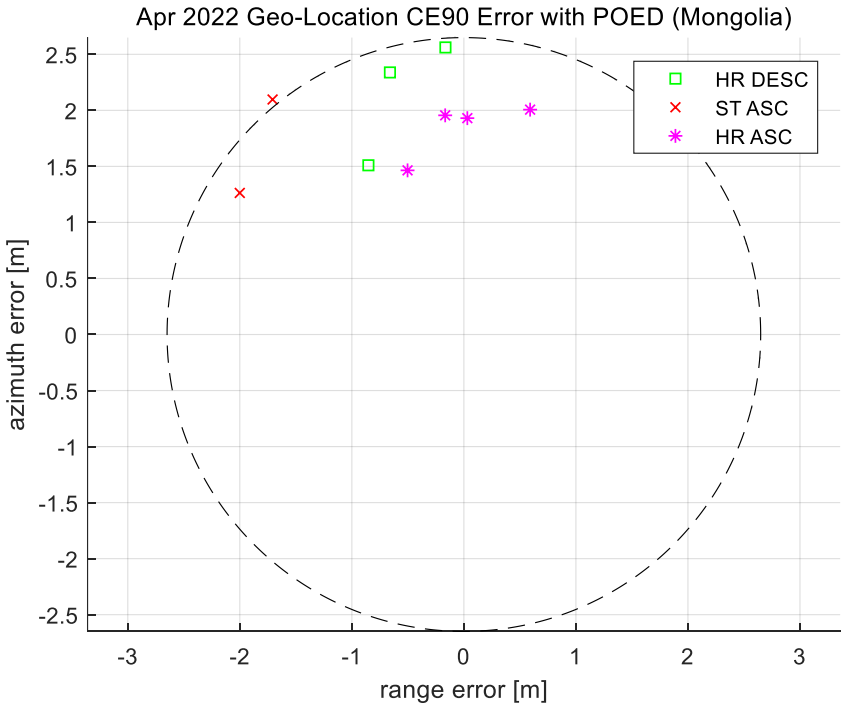




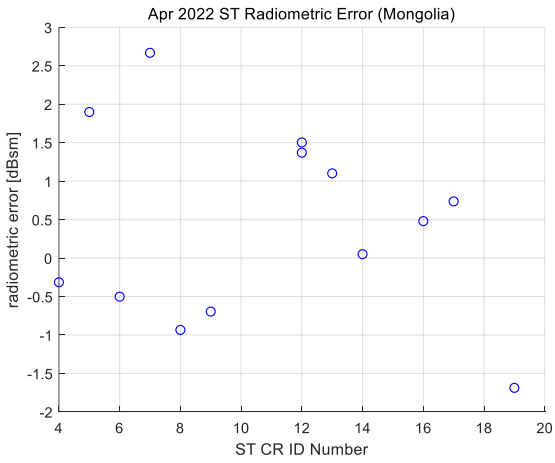
ISLR < -13 dBsm PSLR < -19 dBsm

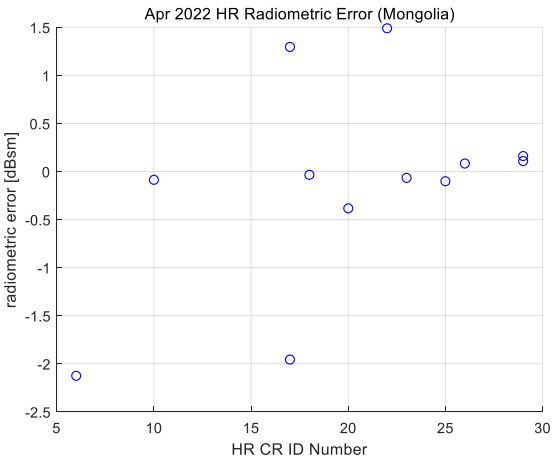
※ The seasonal factors in Mongolia resulted in higher values than standard.

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



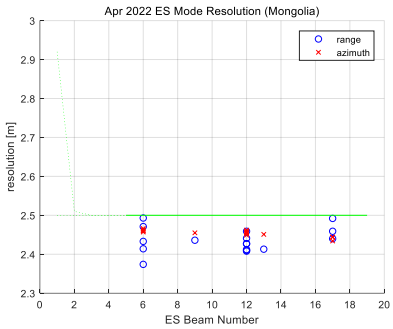
[Location Accuracy, K5 HR&ST, '22. 4.]

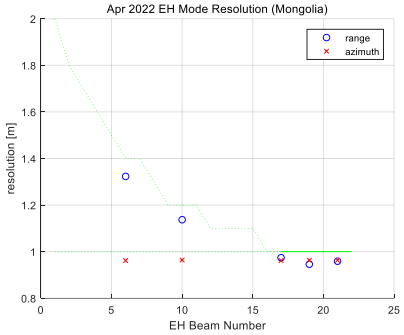


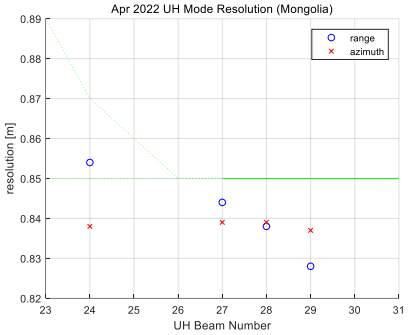


[Radiometric error, K5 HR&ST, '22. 4.]

○ KOMPSAT-5 Ground Resolution



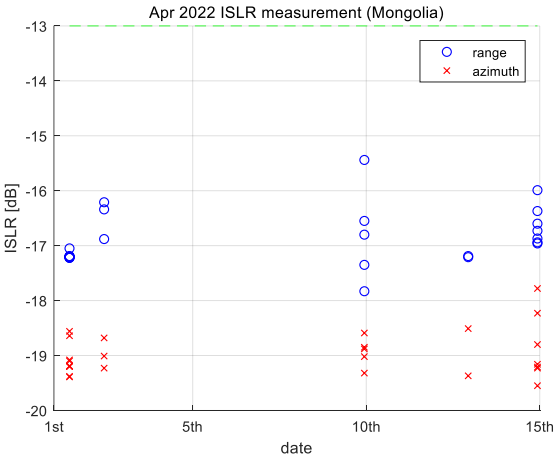


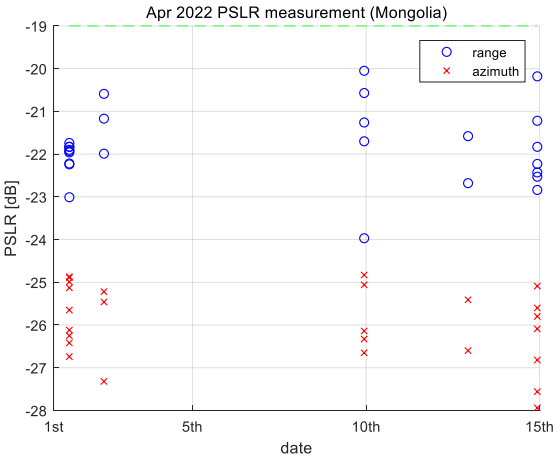


ES Mode < 2.5 m EH Mode < 1 m UH Mode <0.85 m

※ 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.

March, April 2022