

Table 1 PALSAR-3 Standard Products Notification (Open, Updated: March 9th, 2026) (1/2)

No.	Title	Summary	Status	Obs. mode/ Extended func.
1	Unable to create products	The product you have already ordered may not be completed and delivered. The status is not updated in the AUIG4 product delivery request history.	Open	All
2	False image noise (ambiguity)	Only when the variable PRF observation mode is set, strong multiple false image noises (ambiguity) occur in some images. →The updated as version 103.101 for was released on Dec 5 th , 2025. Although some false image noise may still remain in certain cases, reprocessing past data with this version also reduces the noise. https://www.eorc.jaxa.jp/ALOS/en/alos-4/pdf/ALOS4ProductNotes01_VPRF_En_20251212.pdf	Open	Stripmap, ScanSAR
3	Unavailable operation for ionospheric correction (Onboard)	Due to constraints caused during the initial calibration and validation phase, the ionospheric correction mode (onboard) cannot be operated currently.	Open	Stripmap/ Ionospheric correction (Onboard)
4	Line noise in satellite direction (Azimuth)	Line noises in satellite direction (Azimuth) are appeared in some images. It does not occur in the PRF fixed observation mode. (Fig.1)	Open	Stripmap, ScanSAR
5	Variation on image brightness (amplitude) in ScanSAR images	There is variation of brightness among sub-swath images and along track direction in ScanSAR observation images. →The updated as version 105.102 for Beam Nos. 1 and 2 were released on February 10 th , 2026. The updated version for Beam No. 3 is scheduled to be released in the first half of FY2026.	Open Improvement scheduled for first half of FY2026	ScanSAR

Table 2 PALSAR-3 Standard Products Notification (Open, Updated: March 9th, 2026) (2/2)

No.	Title	Summary	Status	Obs. mode/ Extended func.
6	Noise in cross polarimetric observation images (HH, HV)	In some scenes, noises are generated in the HV and VH images during full polarimetry observation. →The first corrective action was implemented on Nov. 5 th and Dec. 3 rd , 2025, and the noise issue has been confirmed resolved. Associated with this modification, the blind width has expanded in H-polarized transmission data acquired between Nov 5 th and Dec 2 nd , and in V-polarized transmission data acquired on or after Dec 3 rd . Ground-based correction measures are currently under evaluation. (Fig.4)	Open	Stripmap/ PRF fixed obs.
7	False image noise (ambiguity) in Spotlight observation images	False image noise (ambiguity) occurs in a part of Spotlight observation images.	Open	Spotlight
8	Abnormal Bperp for orbit deviation data	When the reference orbit is deviated, Bperp shown when searching for interferometric pairs in AUIG4 may differ from the actual value.	Open	All

Table 2 PALSAR-3 Standard Products Notification (Closed & Notice, Updated: April 8th, 2026) (1/2)

No.	Title	Summary	Status	Obs. mode/ Extended func.
1	Anomaly in PRF fixed observation images (full polarimetry)	Sometimes white and black anomaly images are generated or products cannot be created in PRF fixed observation mode in full polarimetry mode.	Closed 3 rd Oct. 2025	Stripmap, ScanSAR/ PRF fixed obs.
2	Scene rectangle drawing error in AUIG4	When ordering and processing in L2.1, then performing a catalog search in AUIG4 after processing completes, the scene rectangle drawn on the map may sometimes deform into a trapezoid resembling a triangle rather than a rectangle. This occurs only when the processing parameter is set to "georeferenced"; it does not occur when set to "geocode".	Closed 5 th Dec. 2025	Stripmap
3	Abnormal scene swath	The scene width of the near or far sub-beam may be widened in some fixed PRF observation mode images. (Fig.2)	Closed 12 nd Dec. 2025	Stripmap/ PRF fixed obs.
4	Narrow scene swath	When an unobservable area (blind) occurs at the end of the range in the PRF fixed observation mode, the scene width of the sub-beam may narrow. The non-imaged area is in the blind due to PRF fixed setting, and the stored data is normal. (Fig.3) →Please check the EORC ALOS-4 Observation Plan website "PALSAR-3 PRF Fixed Observation Mode Blind Map" below to confirm whether your analysis data is applicable. https://www.eorc.jaxa.jp/ALOS/en/alos-4/a4_observation_e.htm	Notice	PRF fixed obs.

Table 2 PALSAR-3 Standard Products Notification (Closed & Notice, Updated: April 8th, 2026) (2/2)

No.	Title	Summary	Status	Obs. mode/ Extended func.
5	Zero or negative Value of pixel intensity	When ordering a product from AUIG4, selecting CC44 or CC66 as the resampling method may result in DN values becoming zero or negative. ※ This phenomenon occurs due to the resampling principle (undershoot).	Notice	All
6	Inter-burst difference in scene width	The scene width may differ between bursts in ScanSAR mode. This phenomenon occurs due to differences in the range start time depending on altitude and does not indicate any data abnormality. In the L1.1 product, this issue does not occur because processing is applied to align the above-mentioned start times.	Notice	ScanSAR, L1.5, L2.1
7	Image noise by RFI	When external RFI(Radio-Frequency Interference) from the ground is strong, it may not be fully removed during product processing, resulting in noise in the image.	Notice	All
8	Image noise by Ionospheric disturbance	Linear noise can be caused in the image by ionospheric disturbances. (Fig.7)	Notice	All



Fig. 1 Linear noise (Red arrows) in satellite direction (Azimuth)

Stripmap 3m
 200 km swath
 Beam1(UWD01)
 Southern Kuril
 Islands, Hokkaido

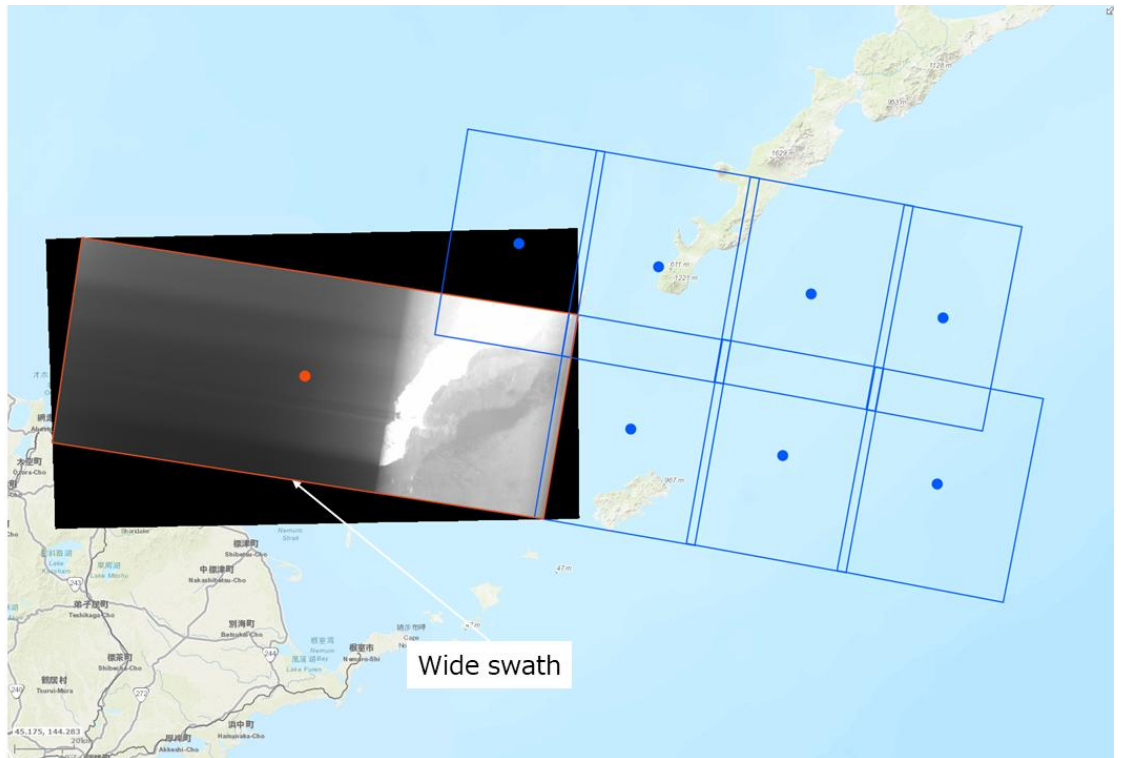


Fig. 2 Abnormal swath

Stripmap 3m
 200 km swath
 Beam1(UWD01)
 Southern Kuril
 Islands, Hokkaido

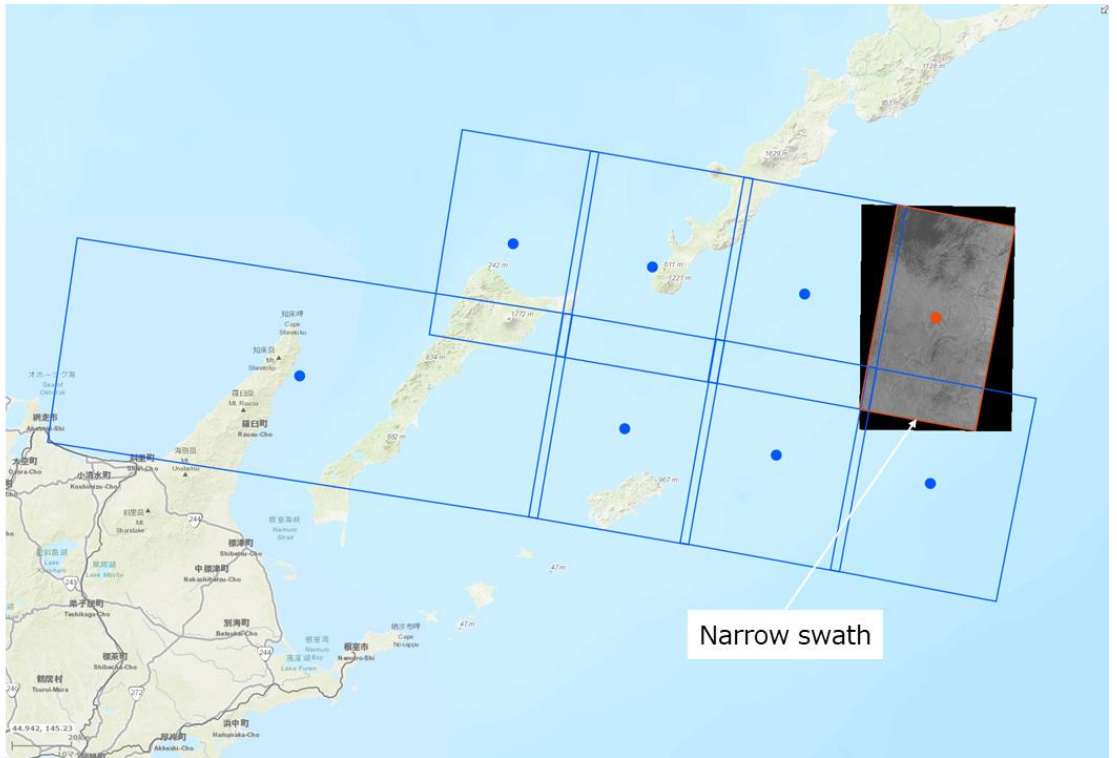
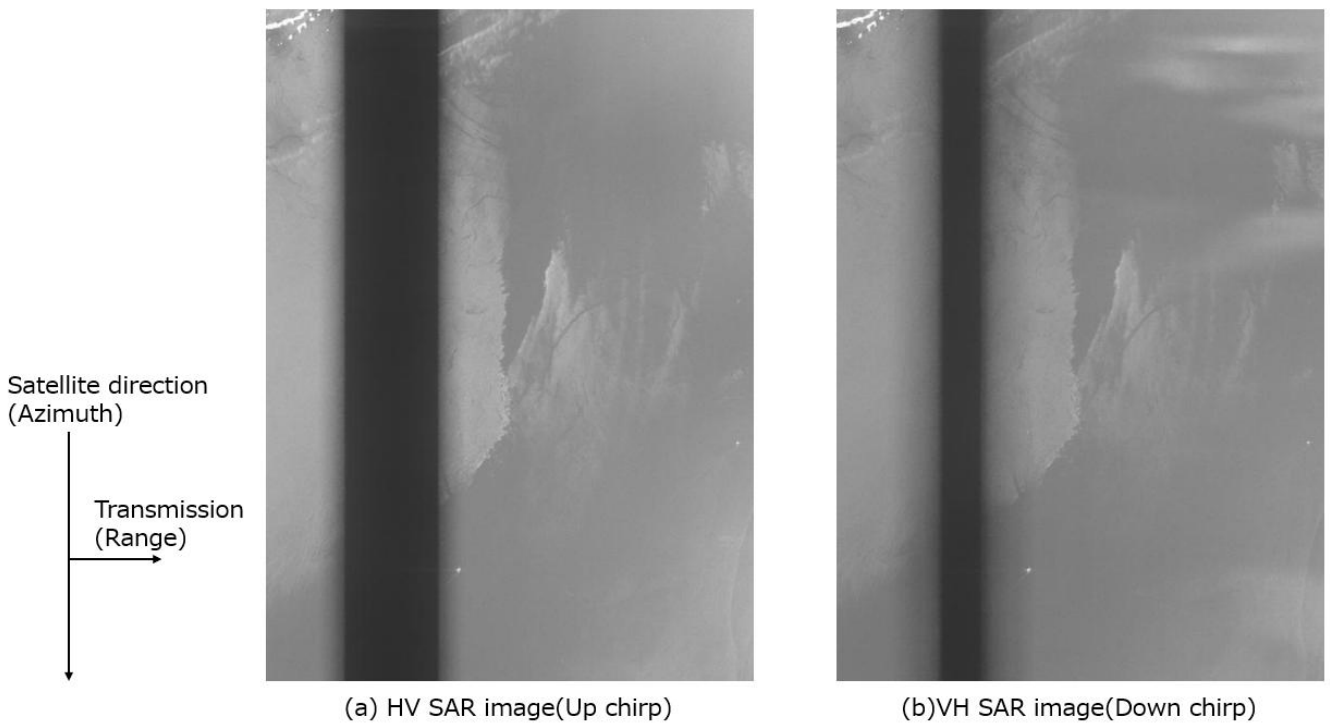


Fig. 3 Narrow swath



**Fig. 4 Expansion of blind width in cross-polarization images (HV, VH)
 during full-polarimetric observation.**

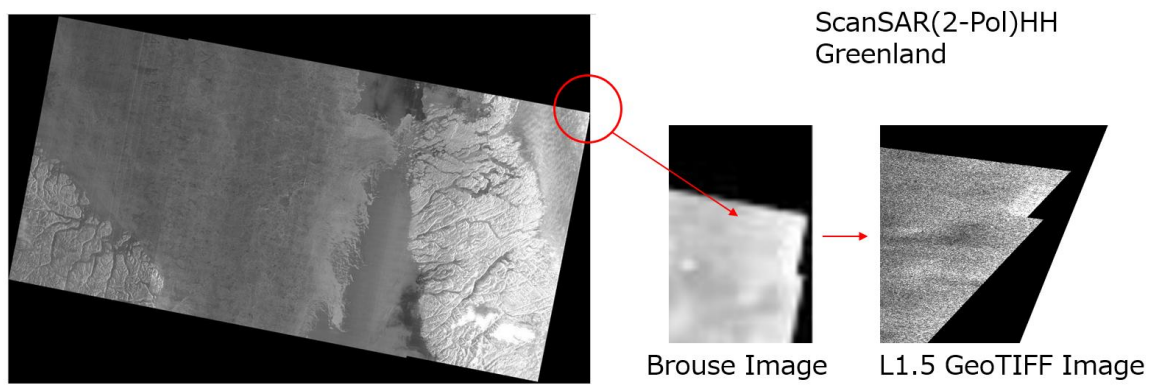


Fig. 5 Inter-burst difference in scene width

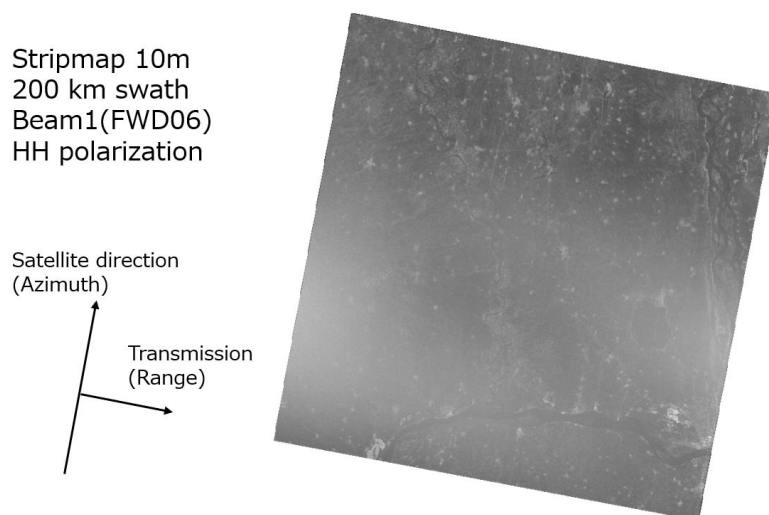


Fig. 6 Image noise by RFI

Stripmap 10m
200 km swath
Beam1(FWD07)
HH polarization
Amazon, Brazil

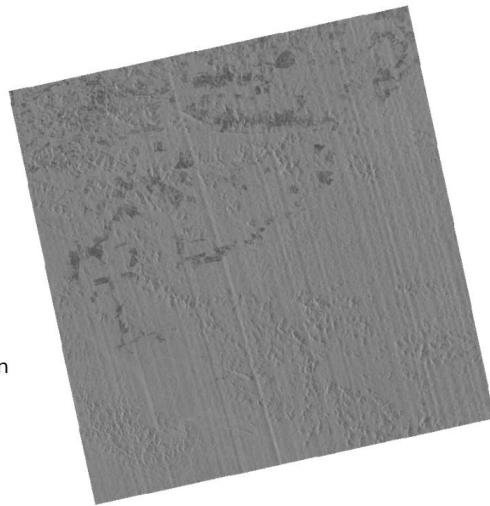
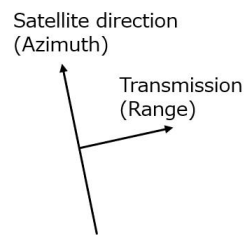


Fig. 7 Image noise by Ionospheric disturbance