

Amalfi

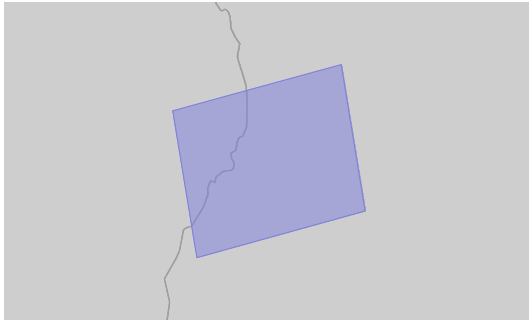
Quality Control Report

2025-03-14T18:27:49

Sentinel-1A Interferometric Wide Swath Level 1 S Product
S1A_IW_GRDH_1SDV_20250314T155711_20250314T155736_058302_07350A_A29B.SAFE

Passed

Elapsed time: 1.154s



Platform Name: SENTINEL-1A
Instrument Name: Synthetic Aperture Radar
Instrument Mode: IW-IW
Beginning Date: 2025-03-14T15:57:11.726547
Ending Date: 2025-03-14T15:57:36.725108
Orbit Direction: ASCENDING
Amalfi Distribution: v. 3.6-1
Amalfi S1 Addon: v. 2.7-1

All Applicable Inspections Plan (Automatic)

| | | | |
|---|--|--------|--------|
| 1 | Checks if Processing Category is correctly defined. <i>Processing Category is Ok.</i> | 0.54s | Passed |
| 2 | Checks if Platform Classification is correctly defined. <i>Platform Classification is Ok.</i> | 0.006s | Passed |
| 3 | Checks if Orbit Reference Classification is correctly defined. <i>Classification ok for : measurementOrbitReference</i> | 0.014s | Passed |
| 4 | Checks if Information Category is correctly defined. <i>Category ok for : generalProductInformation</i> | 0.01s | Passed |
| 5 | Checks if Quality Information Category is correctly defined. <i>No Index classification in product.</i> | 0.008s | Passed |
| 6 | Checks if Information Classification is correctly defined. <i>Classification ok for : generalProductInformation</i> | 0.008s | Passed |
| 7 | Checks if Index Classification is correctly defined. <i>No Index classification in product.</i> | 0.007s | Passed |
| 8 | Checks if Annotation Classification is correctly defined. <i>Classification ok for : products1aiwgrdvh20250314t15571120250314t15573605830207350a002Annotation, noises1aiwgrdvh20250314t15571120250314t15573605830207350a002Annotation, rfis1aiwgrdvh20250314t15571120250314t15573605830207350a002Annotation, calibrations1aiwgrdvh20250314t15571120250314t15573605830207350a002Annotation,</i> | 0.006s | Passed |

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| | <i>products1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, noises1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, rfis1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, calibrations1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, mapoverlayAnnotation, productpreviewAnnotation</i> | | |
| 9 | Checks if MeasurementFrameSet Classification is correctly defined. <i>Classification ok for : measurementFrameSet</i> | 0.007s | Passed |
| 10 | Checks if Schema Classification is correctly defined. <i>Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i> | 0.006s | Passed |
| 11 | Checks if MeasurementFrameSet Category is correctly defined. <i>Category ok for : measurementFrameSet</i> | 0.016s | Passed |
| 12 | Checks if Grid Reference Category is correctly defined. <i>No Index classification in product.</i> | 0.012s | Passed |
| 13 | Checks if Extra Files are present in product directory. <i>No Extra Files found in product directory.</i> | 0.013s | Passed |
| 14 | Checks if Acquisition Period is present. <i>Acquisition Period exists.</i> | 0.002s | Passed |
| 15 | Checks if Processing metadata is present. <i>Processing exists.</i> | 0.002s | Passed |
| 16 | Checks if Processing Classification is correctly defined. <i>Processing Classification is Ok.</i> | 0.002s | Passed |
| 17 | Checks if Acquisition Period Classification is correctly defined. <i>Acquisition Period Classification is Ok.</i> | 0.002s | Passed |
| 18 | Checks if Annotation Category is correctly defined. <i>Category ok for : products1aiwgrdv20250314t15571120250314t15573605830207350a002Annotation, noises1aiwgrdv20250314t15571120250314t15573605830207350a002Annotation, rfis1aiwgrdv20250314t15571120250314t15573605830207350a002Annotation, calibrations1aiwgrdv20250314t15571120250314t15573605830207350a002Annotation, products1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, noises1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, rfis1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, calibrations1aiwgrdv20250314t15571120250314t15573605830207350a001Annotation, mapoverlayAnnotation, productpreviewAnnotation</i> | 0.006s | Passed |
| 19 | Checks if Acquisition Period Category is correctly defined. | 0.001s | Passed |

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| | <i>Acquisition Period Category is Ok.</i> | | |
| 20 | Checks if all the Id References defined in the product are valid. <i>All the Id References defined in the product are valid.</i> | 0.14s | Passed |
| 21 | Checks if Schema Category is correctly defined. <i>Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i> | 0.004s | Passed |
| 22 | Checks if Platform Category is correctly defined. <i>Platform Category is Ok.</i> | 0.001s | Passed |
| 23 | Checks if all external references are present in the product directory. <i>All external references are present in the product directory.</i> | 0.01s | Passed |
| 24 | Checks if Grid Reference Classification is correctly defined. <i>No Index classification in product.</i> | 0.004s | Passed |
| 25 | Checks if Index Category is correctly defined. <i>No Index classification in product.</i> | 0.005s | Passed |
| 26 | Checks if Orbit Reference Category is correctly defined. <i>Category ok for : measurementOrbitReference</i> | 0.004s | Passed |
| 27 | Checks if Quality Information Classification is correctly defined. <i>No Index classification in product.</i> | 0.004s | Passed |
| 28 | Checks Interferometric Wide Swath product length is no longer than 30 min. <i>Interferometric Wide Swath product acquisition in 0 min is acceptable.</i> | 0.013s | Passed |
| 29 | Checks pointing status value is Normal Pointing Mode. <i>Platform pointing is nominal.</i> | 0.172s | Passed |
| 30 | Checks missing lines number is less than 30%. <i>No missing lines in the product.</i> | 0.006s | Passed |
| 31 | Usage of PgSource Model in level 1S. <i>pgSource is extracted.</i> | 0.014s | Passed |
| 32 | Number of missing/corrupted elements in level 1S. <i>Less than 100 missing or corrupted elements.</i> | 0.069s | Passed |
| 33 | Partial Polarisation Products. | 0.001s | Passed |

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| | <i>Valid polarisation configuration (single or dual polarisation product).</i> | | |
| 34 | Flag on missing/corrupted elements in level 1S. <i>No significant number of missing lines or data gaps (as annotated by the IPF).</i> | 0.023s | Passed |
| 35 | Relative orbit number consistency in Sentinel-1A level 1S. <i>Relative orbit number is compliant with absolute orbit number.</i> | 0.008s | Passed |
| 36 | Cycle number consistency in Sentinel-1A level 1S. <i>Cycle number is compliant with absolute orbit number.</i> | 0.007s | Passed |