

Amalfi

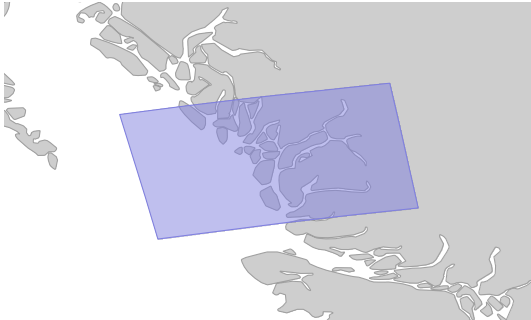
Quality Control Report

2025-04-06T04:56:10

Sentinel-1A Interferometric Wide Swath Level 1 S Product
S1A_IW_SLC__1SDV_20250406T022008_20250406T022035
_058630_07421F_93A7.SAFE

Passed

Elapsed time: 0.813s



Platform Name: SENTINEL-1A
Instrument Name: Synthetic Aperture Radar
Instrument Mode: IW-IW1/IW2/IW3
Beginning Date: 2025-04-06T02:20:08.592193
Ending Date: 2025-04-06T02:20:35.567258
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>	0.334s	Passed
2	Checks if Platform Classification is correctly defined. <i>Platform Classification is Ok.</i>	0.005s	Passed
3	Checks if Orbit Reference Classification is correctly defined. <i>Classification ok for : measurementOrbitReference</i>	0.032s	Passed
4	Checks if Information Category is correctly defined. <i>Category ok for : generalProductInformation</i>	0.022s	Passed
5	Checks if Quality Information Category is correctly defined. <i>No Index classification in product.</i>	0.017s	Passed
6	Checks if Information Classification is correctly defined. <i>Classification ok for : generalProductInformation</i>	0.01s	Passed
7	Checks if Index Classification is correctly defined. <i>No Index classification in product.</i>	0.006s	Passed
8	Checks if Annotation Classification is correctly defined. <i>Classification ok for : products1aiw1slcvh20250406t02200920250406t02203405863007421f001Annotation, noises1aiw1slcvh20250406t02200920250406t02203405863007421f001Annotation, rfis1aiw1slcvh20250406t02200920250406t02203405863007421f001Annotation, calibrations1aiw1slcvh20250406t02200920250406t02203405863007421f001Annotation,</i>	0.006s	Passed

	products1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation, noises1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation, rfis1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation, calibrations1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation, products1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation, noises1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation, rfis1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation, calibrations1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation, products1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation, noises1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation, rfis1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation, calibrations1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation, products1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation, noises1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation, rfis1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation, calibrations1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation, products1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation, noises1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation, rfis1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation, calibrations1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation, mapoverlayAnnotation, productpreviewAnnotation		
9	Checks if MeasurementFrameSet Classification is correctly defined. Classification ok for : measurementFrameSet	0.006s	Passed
10	Checks if Schema Classification is correctly defined. Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema	0.006s	Passed
11	Checks if MeasurementFrameSet Category is correctly defined. Category ok for : measurementFrameSet	0.005s	Passed
12	Checks if Grid Reference Category is correctly defined. No Index classification in product.	0.005s	Passed
13	Checks if Extra Files are present in product directory. No Extra Files found in product directory.	0.009s	Passed
14	Checks if Acquisition Period is present. Acquisition Period exists.	0.001s	Passed
15	Checks if Processing metadata is present. Processing exists.	0.001s	Passed
16	Checks if Processing Classification is correctly defined. Processing Classification is Ok.	0.002s	Passed
17	Checks if Acquisition Period Classification is correctly defined.	0.001s	Passed

	Acquisition Period Classification is Ok.		
18	Checks if Annotation Category is correctly defined. <i>Category ok for :</i> <i>products1aiw1slcvh20250406t02200920250406t0220340586300742 1f001Annotation,</i> <i>noises1aiw1slcvh20250406t02200920250406t0220340586300742 1f001Annotation,</i> <i>rfis1aiw1slcvh20250406t02200920250406t0220340586300742 1f001Annotation,</i> <i>calibrations1aiw1slcvh20250406t02200920250406t0220340586300742 1f001Annotation,</i> <i>products1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation,</i> <i>noises1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation,</i> <i>rfis1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation,</i> <i>calibrations1aiw2slcvh20250406t02201020250406t0220350586300742 1f002Annotation,</i> <i>products1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation,</i> <i>noises1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation,</i> <i>rfis1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation,</i> <i>calibrations1aiw3slcvh20250406t02200820250406t0220330586300742 1f003Annotation,</i> <i>products1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation,</i> <i>noises1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation,</i> <i>rfis1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation,</i> <i>calibrations1aiw1slcvv20250406t02200920250406t0220340586300742 1f004Annotation,</i> <i>products1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation,</i> <i>noises1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation,</i> <i>rfis1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation,</i> <i>calibrations1aiw2slcvv20250406t02201020250406t0220350586300742 1f005Annotation,</i> <i>products1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation,</i> <i>noises1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation,</i> <i>rfis1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation,</i> <i>calibrations1aiw3slcvv20250406t02200820250406t0220330586300742 1f006Annotation,</i> <i>mapoverlayAnnotation, productpreviewAnnotation</i>	0.005s	Passed
19	Checks if Acquisition Period Category is correctly defined. <i>Acquisition Period Category is Ok.</i>	0.002s	Passed
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>	0.179s	Passed
21	Checks if Schema Category is correctly defined. <i>Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema,</i> <i>s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema,</i> <i>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>	0.016s	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.	0.003s	Passed

	<i>No Index classification in product.</i>		
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>	0.009s	Passed
29	Checks pointing status value is Normal Pointing Mode. <i>Platform pointing is nominal.</i>	0.078s	Passed
30	Checks missing lines number is less than 30%. <i>No missing lines in the product.</i>	0.005s	Passed
31	Usage of PgSource Model in level 1S. <i>pgSource is extracted.</i>	0.005s	Passed
32	Number of missing/corrupted elements in level 1S. <i>Less than 100 missing or corrupted elements.</i>	0.005s	Passed
33	Partial Polarisation Products. <i>Valid polarisation configuration (single or dual polarisation product).</i>	0.0s	Passed
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>	0.005s	Passed
35	Relative orbit number consistency in Sentinel-1A level 1S. <i>Relative orbit number is compliant with absolute orbit number.</i>	0.006s	Passed
36	Cycle number consistency in Sentinel-1A level 1S. <i>Cycle number is compliant with absolute orbit number.</i>	0.008s	Passed