

# Amalfi

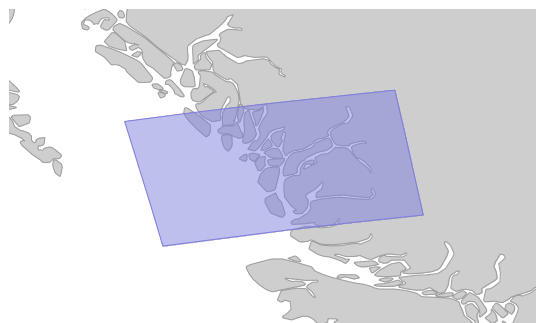
## Quality Control Report

2025-04-18T05:01:11

Sentinel-1A Interferometric Wide Swath Level 1 S Product  
S1A\_IW\_SLC\_\_1SDV\_20250418T022008\_20250418T022035  
\_058805\_074946\_C7D4.SAFE

# Passed

Elapsed time: 0.841s



Platform Name: SENTINEL-1A  
Instrument Name: Synthetic Aperture Radar  
Instrument Mode: IW-IW1/IW2/IW3  
Beginning Date: 2025-04-18T02:20:08.470270  
Ending Date: 2025-04-18T02:20:35.445335  
Orbit Direction: ASCENDING  
Amalfi Distribution: v. 3.6-1  
Amalfi S1 Addon: v. 2.7-1

## All Applicable Inspections Plan (Automatic)

1	<b>Checks if Processing Category is correctly defined.</b> <i>Processing Category is Ok.</i>	0.313s	Passed
2	<b>Checks if Platform Classification is correctly defined.</b> <i>Platform Classification is Ok.</i>	0.006s	Passed
3	<b>Checks if Orbit Reference Classification is correctly defined.</b> <i>Classification ok for : measurementOrbitReference</i>	0.042s	Passed
4	<b>Checks if Information Category is correctly defined.</b> <i>Category ok for : generalProductInformation</i>	0.009s	Passed
5	<b>Checks if Quality Information Category is correctly defined.</b> <i>No Index classification in product.</i>	0.008s	Passed
6	<b>Checks if Information Classification is correctly defined.</b> <i>Classification ok for : generalProductInformation</i>	0.006s	Passed
7	<b>Checks if Index Classification is correctly defined.</b> <i>No Index classification in product.</i>	0.006s	Passed
8	<b>Checks if Annotation Classification is correctly defined.</b> <i>Classification ok for : products1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation, noises1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation, rfis1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation, calibrations1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation,</i>	0.008s	Passed

	products1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation, noises1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation, rfis1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation, calibrations1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation, products1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation, noises1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation, rfis1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation, calibrations1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation, products1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation, noises1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation, rfis1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation, calibrations1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation, products1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation, noises1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation, rfis1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation, calibrations1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation, products1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation, noises1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation, rfis1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation, calibrations1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation, mapoverlayAnnotation, productpreviewAnnotation		
9	<b>Checks if MeasurementFrameSet Classification is correctly defined.</b>  Classification ok for : measurementFrameSet	0.007s	Passed
10	<b>Checks if Schema Classification is correctly defined.</b>  Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema	0.005s	Passed
11	<b>Checks if MeasurementFrameSet Category is correctly defined.</b>  Category ok for : measurementFrameSet	0.006s	Passed
12	<b>Checks if Grid Reference Category is correctly defined.</b>  No Index classification in product.	0.005s	Passed
13	<b>Checks if Extra Files are present in product directory.</b>  No Extra Files found in product directory.	0.009s	Passed
14	<b>Checks if Acquisition Period is present.</b>  Acquisition Period exists.	0.002s	Passed
15	<b>Checks if Processing metadata is present.</b>  Processing exists.	0.001s	Passed
16	<b>Checks if Processing Classification is correctly defined.</b>  Processing Classification is Ok.	0.002s	Passed
17	<b>Checks if Acquisition Period Classification is correctly defined.</b>	0.001s	Passed

	Acquisition Period Classification is Ok.		
18	<b>Checks if Annotation Category is correctly defined.</b>  <i>Category ok for :</i> <i>products1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation,</i> <i>noises1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation,</i> <i>rfis1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation,</i> <i>calibrations1aiw1slcvh20250418t02200920250418t022034058805074946001Annotation,</i> <i>products1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation,</i> <i>noises1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation,</i> <i>rfis1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation,</i> <i>calibrations1aiw2slcvh20250418t02201020250418t022035058805074946002Annotation,</i> <i>products1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation,</i> <i>noises1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation,</i> <i>rfis1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation,</i> <i>calibrations1aiw3slcvh20250418t02200820250418t022033058805074946003Annotation,</i> <i>products1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation,</i> <i>noises1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation,</i> <i>rfis1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation,</i> <i>calibrations1aiw1slcvv20250418t02200920250418t022034058805074946004Annotation,</i> <i>products1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation,</i> <i>noises1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation,</i> <i>rfis1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation,</i> <i>calibrations1aiw2slcvv20250418t02201020250418t022035058805074946005Annotation,</i> <i>products1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation,</i> <i>noises1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation,</i> <i>rfis1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation,</i> <i>calibrations1aiw3slcvv20250418t02200820250418t022033058805074946006Annotation,</i> <i>mapoverlayAnnotation, productpreviewAnnotation</i>	0.005s	Passed
19	<b>Checks if Acquisition Period Category is correctly defined.</b>  <i>Acquisition Period Category is Ok.</i>	0.001s	Passed
20	<b>Checks if all the Id References defined in the product are valid.</b>  <i>All the Id References defined in the product are valid.</i>	0.222s	Passed
21	<b>Checks if Schema Category is correctly defined.</b>  <i>Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema,</i> <i>s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema,</i> <i>s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i>	0.004s	Passed
22	<b>Checks if Platform Category is correctly defined.</b>  <i>Platform Category is Ok.</i>	0.001s	Passed
23	<b>Checks if all external references are present in the product directory.</b>  <i>All external references are present in the product directory.</i>	0.013s	Passed
24	<b>Checks if Grid Reference Classification is correctly defined.</b>  <i>No Index classification in product.</i>	0.004s	Passed
25	<b>Checks if Index Category is correctly defined.</b>	0.003s	Passed

	<i>No Index classification in product.</i>		
26	<b>Checks if Orbit Reference Category is correctly defined.</b> <i>Category ok for : measurementOrbitReference</i>	0.004s	<b>Passed</b>
27	<b>Checks if Quality Information Classification is correctly defined.</b> <i>No Index classification in product.</i>	0.003s	<b>Passed</b>
28	<b>Checks Interferometric Wide Swath product length is no longer than 30 min.</b> <i>Interferometric Wide Swath product acquisition in 0 min is acceptable.</i>	0.009s	<b>Passed</b>
29	<b>Checks pointing status value is Normal Pointing Mode.</b> <i>Platform pointing is nominal.</i>	0.103s	<b>Passed</b>
30	<b>Checks missing lines number is less than 30%.</b> <i>No missing lines in the product.</i>	0.005s	<b>Passed</b>
31	<b>Usage of PgSource Model in level 1S.</b> <i>pgSource is extracted.</i>	0.004s	<b>Passed</b>
32	<b>Number of missing/corrupted elements in level 1S.</b> <i>Less than 100 missing or corrupted elements.</i>	0.005s	<b>Passed</b>
33	<b>Partial Polarisation Products.</b> <i>Valid polarisation configuration (single or dual polarisation product).</i>	0.0s	<b>Passed</b>
34	<b>Flag on missing/corrupted elements in level 1S.</b> <i>No significant number of missing lines or data gaps (as annotated by the IPF).</i>	0.005s	<b>Passed</b>
35	<b>Relative orbit number consistency in Sentinel-1A level 1S.</b> <i>Relative orbit number is compliant with absolute orbit number.</i>	0.006s	<b>Passed</b>
36	<b>Cycle number consistency in Sentinel-1A level 1S.</b> <i>Cycle number is compliant with absolute orbit number.</i>	0.006s	<b>Passed</b>