

# Amalfi

## Quality Control Report

2021-09-05T01:32:06

SENTINEL-1B Interferometric Wide Swath Level 1 S Product  
S1B\_IW\_SLC\_\_1SDV\_20210904T070314\_20210904T070341  
\_028545\_03680C\_5696.SAFE

# Passed

Elapsed time: 0.632s

### All Applicable Inspections Plan (Automatic)

1	<b>Checks if Schema Category is correctly defined.</b> <i>Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i>	0.016s	Passed
2	<b>Checks if MeasurementFrameSet Classification is correctly defined.</b> <i>Classification ok for : measurementFrameSet</i>	0.009s	Passed
3	<b>Checks if all external references are present in the product directory.</b> <i>All external references are present in the product directory.</i>	0.029s	Passed
4	<b>Checks if Index Classification is correctly defined.</b> <i>No Index classification in product.</i>	0.009s	Passed
5	<b>Checks if Processing metadata is present.</b> <i>Processing exists.</i>	0.002s	Passed
6	<b>Checks if Orbit Reference Category is correctly defined.</b> <i>Category ok for : measurementOrbitReference</i>	0.008s	Passed
7	<b>Checks if Acquisition Period Category is correctly defined.</b> <i>Acquisition Period Category is Ok.</i>	0.002s	Passed
8	<b>Checks if Platform Category is correctly defined.</b> <i>Platform Category is Ok.</i>	0.002s	Passed
9	<b>Checks if Acquisition Period is present.</b> <i>Acquisition Period exists.</i>	0.002s	Passed
10	<b>Checks if Schema Classification is correctly defined.</b> <i>Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i>	0.008s	Passed

11	<b>Checks if Processing Classification is correctly defined.</b> <i>Processing Classification is Ok.</i>	0.002s	Passed
12	<b>Checks if Grid Reference Classification is correctly defined.</b> <i>No Index classification in product.</i>	0.007s	Passed
13	<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>	0.286s	Passed
14	<b>Checks if Orbit Reference Classification is correctly defined.</b> <i>Classification ok for : measurementOrbitReference</i>	0.006s	Passed
15	<b>Checks if Acquisition Period Classification is correctly defined.</b> <i>Acquisition Period Classification is Ok.</i>	0.002s	Passed
16	<b>Checks if Processing Category is correctly defined.</b> <i>Processing Category is Ok.</i>	0.002s	Passed
17	<b>Checks if MeasurementFrameSet Category is correctly defined.</b> <i>Category ok for : measurementFrameSet</i>	0.007s	Passed
18	<b>Checks if Annotation Category is correctly defined.</b> <i>Category ok for : products1biw1slcvh20210904t07031620210904t07034102854503680c001Annotation, noises1biw1slcvh20210904t07031620210904t07034102854503680c001Annotation, calibrations1biw1slcvh20210904t07031620210904t07034102854503680c001Annotation, products1biw2slcvh20210904t07031420210904t07033902854503680c002Annotation, noises1biw2slcvh20210904t07031420210904t07033902854503680c002Annotation, calibrations1biw2slcvh20210904t07031420210904t07033902854503680c002Annotation, products1biw3slcvh20210904t07031520210904t07034002854503680c003Annotation, noises1biw3slcvh20210904t07031520210904t07034002854503680c003Annotation, calibrations1biw3slcvh20210904t07031520210904t07034002854503680c003Annotation, products1biw1slcvv20210904t07031620210904t07034102854503680c004Annotation, noises1biw1slcvv20210904t07031620210904t07034102854503680c004Annotation, calibrations1biw1slcvv20210904t07031620210904t07034102854503680c004Annotation, products1biw2slcvv20210904t07031420210904t07033902854503680c005Annotation, noises1biw2slcvv20210904t07031420210904t07033902854503680c005Annotation, calibrations1biw2slcvv20210904t07031420210904t07033902854503680c005Annotation, products1biw3slcvv20210904t07031520210904t07034002854503680c006Annotation, noises1biw3slcvv20210904t07031520210904t07034002854503680c006Annotation, calibrations1biw3slcvv20210904t07031520210904t07034002854503680c006Annotation, mapoverlayAnnotation, productpreviewAnnotation</i>	0.006s	Passed
19	<b>Checks if Annotation Classification is correctly defined.</b> <i>Classification ok for : products1biw1slcvh20210904t07031620210904t07034102854503680c001Annotation, noises1biw1slcvh20210904t07031620210904t07034102854503680c001Annotation, calibrations1biw1slcvh20210904t07031620210904t07034102854503680c001Annotation, products1biw2slcvh20210904t07031420210904t07033902854503680c002Annotation,</i>	0.007s	Passed

	<i>noises1biw2slcvh20210904t07031420210904t07033902854503680c002Annotation, calibrations1biw2slcvh20210904t07031420210904t07033902854503680c002Annotation, products1biw3slcvh20210904t07031520210904t07034002854503680c003Annotation, noises1biw3slcvh20210904t07031520210904t07034002854503680c003Annotation, calibrations1biw3slcvh20210904t07031520210904t07034002854503680c003Annotation, products1biw1slcvv20210904t07031620210904t07034102854503680c004Annotation, noises1biw1slcvv20210904t07031620210904t07034102854503680c004Annotation, calibrations1biw1slcvv20210904t07031620210904t07034102854503680c004Annotation, products1biw2slcvv20210904t07031420210904t07033902854503680c005Annotation, noises1biw2slcvv20210904t07031420210904t07033902854503680c005Annotation, calibrations1biw2slcvv20210904t07031420210904t07033902854503680c005Annotation, products1biw3slcvv20210904t07031520210904t07034002854503680c006Annotation, noises1biw3slcvv20210904t07031520210904t07034002854503680c006Annotation, calibrations1biw3slcvv20210904t07031520210904t07034002854503680c006Annotation, mapoverlayAnnotation, productpreviewAnnotation</i>		
20	<b>Checks if Information Category is correctly defined.</b> <i>Category ok for : generalProductInformation</i>	0.006s	Passed
21	<b>Checks if Grid Reference Category is correctly defined.</b> <i>No Index classification in product.</i>	0.006s	Passed
22	<b>Checks if Information Classification is correctly defined.</b> <i>Classification ok for : generalProductInformation</i>	0.017s	Passed
23	<b>Checks if Quality Information Category is correctly defined.</b> <i>No Index classification in product.</i>	0.005s	Passed
24	<b>Checks if Index Category is correctly defined.</b> <i>No Index classification in product.</i>	0.005s	Passed
25	<b>Checks if Extra Files are present in product directory.</b> <i>No Extra Files found in product directory.</i>	0.009s	Passed
26	<b>Checks if Quality Information Classification is correctly defined.</b> <i>No Index classification in product.</i>	0.004s	Passed
27	<b>Checks if Platform Classification is correctly defined.</b> <i>Platform Classification is Ok.</i>	0.001s	Passed
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>	0.011s	Passed
29	<b>Usage of PgSource Model in level 1S.</b> <i>pgSource is extracted.</i>	0.022s	Passed
30	<b>Number of missing/corrupted elements in level 1S.</b>	0.012s	Passed

	<i>Less than 100 missing or corrupted elements.</i>		
31	<b>Partial Polarisation Products.</b> <i>Valid polarisation configuration (single or dual polarisation product).</i>	0.0s	<b>Passed</b>
32	<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>	0.012s	<b>Passed</b>
33	<b>Checks pointing status value is Normal Pointing Mode.</b> <i>Platform pointing is nominal.</i>	0.079s	<b>Passed</b>
34	<b>Checks missing lines number is less than 30%.</b> <i>No missing lines in the product.</i>	0.007s	<b>Passed</b>
35	<b>Cycle number consistency in Sentinel-1B level 1S.</b> <i>Cycle number is compliant with absolute orbit number.</i>	0.01s	<b>Passed</b>
36	<b>Relative orbit number consistency in Sentinel-1B level 1S.</b> <i>Relative orbit number is compliant with absolute orbit number.</i>	0.008s	<b>Passed</b>