Amalfi

Quality Control Report

2025-01-18T17:31:49

Sentinel-1 Stripmap Level 1S Product
S1C_S4_GRDH_1SDH_20250118T171404_20250118T171421_000638_000538_4B8B.SAFE

Failed

Elapsed time: 0.605s

All Applicable Inspections Plan (Automatic)

1	**Checks pointing status value is Normal Pointing Mode.** *Platform pointing is nominal.*	0.052s	**Passed**
2	**Checks missing lines number is less than 30%.** *No missing lines in the product.*	0.32s	**Passed**
3	**Checks if Processing Category is correctly defined.** *Processing Category is Ok.*	0.002s	**Passed**
4	**Checks if Platform Classification is correctly defined.** *Platform Classification is Ok.*	0.002s	**Passed**
5	**Checks if Orbit Reference Classification is correctly defined.** *Classification ok for : measurementOrbitReference*	0.007s	**Passed**
6	**Checks if Information Category is correctly defined.** *Category ok for : generalProductInformation*	0.007s	**Passed**
7	**Checks if Quality Information Category is correctly defined.** *No Index classification in product.*	0.007s	**Passed**
8	**Checks if Information Classification is correctly defined.** *Classification ok for : generalProductInformation*	0.008s	**Passed**
9	**Checks if Index Classification is correctly defined.** *No Index classification in product.*	0.005s	**Passed**
10	**Checks if Annotation Classification is correctly defined.** *Classification ok for : products1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, noises1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, rfis1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, calibrations1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, products1cs4grdhv20250118t17140420250118t171421000638000538002Annotation,*	0.006s	**Passed**

	noises1cs4grdhv20250118t17140420250118t171421000638000538002Annotation, rfis1cs4grdhv20250118t17140420250118t171421000638000538002Annotation, calibrations1cs4grdhv20250118t17140420250118t171421000638000538002Annotation, mapoverlayAnnotation, productpreviewAnnotation		
11	**Checks if MeasurementFrameSet Classification is correctly defined.** *Classification ok for : measurementFrameSet*	0.005s	**Passed**
12	**Checks if Schema Classification is correctly defined.** *Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema*	0.005s	**Passed**
13	**Checks if MeasurementFrameSet Category is correctly defined.** *Category ok for : measurementFrameSet*	0.005s	**Passed**
14	**Checks if Grid Reference Category is correctly defined.** *No Index classification in product.*	0.005s	**Passed**
15	**Checks if Extra Files are present in product directory.** *No Extra Files found in product directory.*	0.008s	**Passed**
16	**Checks if Acquisition Period is present.** *Acquisition Period exists.*	0.001s	**Passed**
17	**Checks if Processing metadata is present.** *Processing exists.*	0.002s	**Passed**
18	**Checks if Processing Classification is correctly defined.** *Processing Classification is Ok.*	0.001s	**Passed**
19	**Checks if Acquisition Period Classification is correctly defined.** *Acquisition Period Classification is Ok.*	0.002s	**Passed**
20	**Checks if Annotation Category is correctly defined.** *Category ok for : products1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, noises1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, rfis1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, calibrations1cs4grdhh20250118t17140420250118t171421000638000538001Annotation, products1cs4grdhv20250118t17140420250118t171421000638000538002Annotation, noises1cs4grdhv20250118t17140420250118t171421000638000538002Annotation, rfis1cs4grdhv20250118t17140420250118t171421000638000538002Annotation, calibrations1cs4grdhv20250118t17140420250118t171421000638000538002Annotation, mapoverlayAnnotation, productpreviewAnnotation*	0.004s	**Passed**
21	**Checks if Acquisition Period Category is correctly defined.**	0.001s	**Passed**

	Acquisition Period Category is Ok.		
22	**Checks if all the Id References defined in the product are valid.** *All the Id References defined in the product are valid.*	0.093s	**Passed**
23	**Checks if Schema Category is correctly defined.** *Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema*	0.003s	**Passed**
24	**Checks if Platform Category is correctly defined.** *Platform Category is Ok.*	0.001s	**Passed**
25	**Checks if all external references are present in the product directory.** *All external references are present in the product directory.*	0.008s	**Passed**
26	**Checks if Grid Reference Classification is correctly defined.** *No Index classification in product.*	0.003s	**Passed**
27	**Checks if Index Category is correctly defined.** *No Index classification in product.*	0.004s	**Passed**
28	**Checks if Orbit Reference Category is correctly defined.** *Category ok for : measurementOrbitReference*	0.003s	**Passed**
29	**Checks if Quality Information Classification is correctly defined.** *No Index classification in product.*	0.003s	**Passed**
30	**Checks if Stripmap product length is no longer than 30 min.** *Stripmap product acquisition in 0 min is acceptable.*	0.008s	**Passed**
31	**Radio frequency interference (RFI) detected (SM products).** *No radio frequency interference (RFI) detected from noise measurement.*	0.002s	**Passed**
32	**Number of missing/corrupted elements in level 1S.** *Less than 100 missing or corrupted elements.*	0.008s	**Passed**
33	**Radio frequency interference (RFI) mitigation applied. (SM products).** *No radio frequency interference (RFI) mitigation performed on this product (either process not activated or no RFI detected).*	0.002s	**Passed**
34	**Partial Polarisation Products.** *Valid polarisation configuration (single or dual polarisation product).*	0.0s	**Passed**
35	**Usage of PgSource Model in level 1S.**	0.004s	**Passed**

	pgSource is extracted.		
36	**Flag on missing/corrupted elements in level 1S.** *No significant number of missing lines or data gaps (as annotated by the IPF).*	0.004s	**Passed**
37	**Radio frequency interference (RFI) detection (SM products).** *No radio frequency interference (RFI) detection performed for this product. If an RFI is observed, it may be associated to degradation of radiometric performances of the product but this will neither be annotated nor mitigated in the product.*	0.002s	**Failed**