Amalfi

Quality Control Report

2023-03-01T04:01:51

SENTINEL-1A Extra Wide Swath Level 1S Product
S1A_EW_GRDM_1SDH_20230301T031409_20230301T031514_047445_05B22D_4FEC.SAFE

Passed

Elapsed time: 0.533s

All Applicable Inspections Plan (Automatic)

1	**Checks Extra Wide Swath product length is no longer than 30 min.** *Extra Wide Swath product acquisition in 1 min is acceptable.*	0.019s	**Passed**
2	**Checks if Processing Category is correctly defined.** *Processing Category is Ok.*	0.003s	**Passed**
3	**Checks if Platform Classification is correctly defined.** *Platform Classification is Ok.*	0.003s	**Passed**
4	**Checks if Orbit Reference Classification is correctly defined.** *Classification ok for : measurementOrbitReference*	0.008s	**Passed**
5	**Checks if Information Category is correctly defined.** *Category ok for : generalProductInformation*	0.008s	**Passed**
6	**Checks if Quality Information Category is correctly defined.** *No Index classification in product.*	0.008s	**Passed**
7	**Checks if Information Classification is correctly defined.** *Classification ok for : generalProductInformation*	0.007s	**Passed**
8	**Checks if Index Classification is correctly defined.** *No Index classification in product.*	0.007s	**Passed**
9	**Checks if Annotation Classification is correctly defined.** *Classification ok for : products1aewgrdhh20230301t031409202303 01t031514047445 05b22d001Annotation, noises1aewgrdhh20230301t031409202303 01t031514047445 05b22d001Annotation, rfis1aewgrdhh20230301t031409202303 01t031514047445 05b22d001Annotation, calibrations1aewgrdhh20230301t031409202303 01t031514047445 05b22d001Annotation, products1aewgrdhv20230301t031409202303 01t031514047445 05b22d002Annotation, noises1aewgrdhv20230301t031409202303 01t031514047445 05b22d002Annotation, rfis1aewgrdhv20230301t031409202303 01t031514047445 05b22d002Annotation,*	0.007s	**Passed**

	calibrations1aewgrdhv20230301t03140920230301t03151404744505b22d002Annotation, mapoverlayAnnotation, productpreviewAnnotation		
10	**Checks if MeasurementFrameSet Classification is correctly defined.** *Classification ok for : measurementFrameSet*	0.007s	**Passed**
11	**Checks if Schema Classification is correctly defined.** *Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema*	0.007s	**Passed**
12	**Checks if MeasurementFrameSet Category is correctly defined.** *Category ok for : measurementFrameSet*	0.006s	**Passed**
13	**Checks if Grid Reference Category is correctly defined.** *No Index classification in product.*	0.006s	**Passed**
14	**Checks if Extra Files are present in product directory.** *No Extra Files found in product directory.*	0.01s	**Passed**
15	**Checks if Acquisition Period is present.** *Acquisition Period exists.*	0.002s	**Passed**
16	**Checks if Processing metadata is present.** *Processing exists.*	0.002s	**Passed**
17	**Checks if Processing Classification is correctly defined.** *Processing Classification is Ok.*	0.002s	**Passed**
18	**Checks if Acquisition Period Classification is correctly defined.** *Acquisition Period Classification is Ok.*	0.002s	**Passed**
19	**Checks if Annotation Category is correctly defined.** *Category ok for : products1aewgrdhh20230301t03140920230301t03151404744505b22d001Annotation, noises1aewgrdhh20230301t03140920230301t03151404744505b22d001Annotation, rfis1aewgrdhh20230301t03140920230301t03151404744505b22d001Annotation, calibrations1aewgrdhh20230301t03140920230301t03151404744505b22d001Annotation, products1aewgrdhv20230301t03140920230301t03151404744505b22d002Annotation, noises1aewgrdhv20230301t03140920230301t03151404744505b22d002Annotation, rfis1aewgrdhv20230301t03140920230301t03151404744505b22d002Annotation, calibrations1aewgrdhv20230301t03140920230301t03151404744505b22d002Annotation, mapoverlayAnnotation, productpreviewAnnotation*	0.005s	**Passed**
20	**Checks if Acquisition Period Category is correctly defined.** *Acquisition Period Category is Ok.*	0.002s	**Passed**

21	**Checks if all the Id References defined in the product are valid.** *All the Id References defined in the product are valid.*	0.119s	**Passed**
22	**Checks if Schema Category is correctly defined.** *Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1RfiSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema*	0.004s	**Passed**
23	**Checks if Platform Category is correctly defined.** *Platform Category is Ok.*	0.001s	**Passed**
24	**Checks if all external references are present in the product directory.** *All external references are present in the product directory.*	0.008s	**Passed**
25	**Checks if Grid Reference Classification is correctly defined.** *No Index classification in product.*	0.004s	**Passed**
26	**Checks if Index Category is correctly defined.** *No Index classification in product.*	0.004s	**Passed**
27	**Checks if Orbit Reference Category is correctly defined.** *Category ok for : measurementOrbitReference*	0.003s	**Passed**
28	**Checks if Quality Information Classification is correctly defined.** *No Index classification in product.*	0.004s	**Passed**
29	**Partial Polarisation Products.** *Valid polarisation configuration (single or dual polarisation product).*	0.0s	**Passed**
30	**Number of missing/corrupted elements in level 1S.** *Less than 100 missing or corrupted elements.*	0.075s	**Passed**
31	**Flag on missing/corrupted elements in level 1S.** *No significant number of missing lines or data gaps (as annotated by the IPF).*	0.037s	**Passed**
32	**Usage of PgSource Model in level 1S.** *pgSource is extracted.*	0.028s	**Passed**
33	**Checks pointing status value is Normal Pointing Mode.** *Platform pointing is nominal.*	0.104s	**Passed**
34	**Checks missing lines number is less than 30%.** *No missing lines in the product.*	0.006s	**Passed**

35	**Relative orbit number consistency in Sentinel-1A level 1S.** *Relative orbit number is compliant with absolute orbit number.*	0.007s	**Passed**
36	**Cycle number consistency in Sentinel-1A level 1S.** *Cycle number is compliant with absolute orbit number.*	0.007s	**Passed**