Amalfi

Quality Control Report
2021-04-30T10:21:18

SENTINEL-1A Interferometric Wide Swath Level 1 S Product
S1A_IW_GRDH_1SDV_20210430T061535_20210430T06160
0_037676_0471F5_7582.SAFE

Passed
Elapsed time: 0.735s

All Applicable Inspections Plan (Automatic)

1	**Checks if Schema Category is correctly defined.**	0.018s	**Passed**
	Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema		
2	**Checks if MeasurementFrameSet Classification is correctly defined.**	0.013s	**Passed**
	Classification ok for : measurementFrameSet		
3	**Checks if all external references are present in the product directory.**	0.026s	**Passed**
	All external references are present in the product directory.		
4	**Checks if Index Classification is correctly defined.**	0.012s	**Passed**
	No Index classification in product.		
5	**Checks if Processing metadata is present.**	0.003s	**Passed**
	Processing exists.		
6	**Checks if Orbit Reference Category is correctly defined.**	0.01s	**Passed**
	Category ok for : measurementOrbitReference		
7	**Checks if Acquisition Period Category is correctly defined.**	0.003s	**Passed**
	Acquisition Period Category is Ok.		
8	**Checks if Platform Category is correctly defined.**	0.003s	**Passed**
	Platform Category is Ok.		
9	**Checks if Acquisition Period is present.**	0.003s	**Passed**
	Acquisition Period exists.		
10	**Checks if Schema Classification is correctly defined.**	0.01s	**Passed**
	Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema		

11	**Checks if Processing Classification is correctly defined.**	0.003s	**Passed**
	Processing Classification is Ok.		
12	**Checks if Grid Reference Classification is correctly defined.**	0.008s	**Passed**
	No Index classification in product.		
13	**Checks if all the Id References defined in the product are valid.**	0.203s	**Passed**
	All the Id References defined in the product are valid.		
14	**Checks if Orbit Reference Classification is correctly defined.**	0.009s	**Passed**
	Classification ok for : measurementOrbitReference		
15	**Checks if Acquisition Period Classification is correctly defined.**	0.002s	**Passed**
	Acquisition Period Classification is Ok.		
16	**Checks if Processing Category is correctly defined.**	0.002s	**Passed**
	Processing Category is Ok.		
17	**Checks if MeasurementFrameSet Category is correctly defined.**	0.008s	**Passed**
	Category ok for : measurementFrameSet		
18	**Checks if Annotation Category is correctly defined.**	0.007s	**Passed**
	Category ok for : products1aiwgrdvh20210430t06153520210430t0616000376760471f5002Annotation, noises1aiwgrdvh20210430t06153520210430t0616000376760471f5002Annotation, calibrations1aiwgrdvh20210430t06153520210430t0616000376760471f5002Annotation, products1aiwgrdvv20210430t06153520210430t0616000376760471f5001Annotation, noises1aiwgrdvv20210430t06153520210430t0616000376760471f5001Annotation, calibrations1aiwgrdvv20210430t06153520210430t0616000376760471f5001Annotation, mapoverlayAnnotation, productpreviewAnnotation		
19	**Checks if Annotation Classification is correctly defined.**	0.007s	**Passed**
	Classification ok for : products1aiwgrdvh20210430t06153520210430t0616000376760471f5002Annotation, noises1aiwgrdvh20210430t06153520210430t0616000376760471f5002Annotation, calibrations1aiwgrdvh20210430t06153520210430t0616000376760471f5002Annotation, products1aiwgrdvv20210430t06153520210430t0616000376760471f5001Annotation, noises1aiwgrdvv20210430t06153520210430t0616000376760471f5001Annotation, calibrations1aiwgrdvv20210430t06153520210430t0616000376760471f5001Annotation, mapoverlayAnnotation, productpreviewAnnotation		
20	**Checks if Information Category is correctly defined.**	0.007s	**Passed**
	Category ok for : generalProductInformation		
21	**Checks if Grid Reference Category is correctly defined.**	0.007s	**Passed**
	No Index classification in product.		

22	**Checks if Information Classification is correctly defined.**	0.007s	Passed
	Classification ok for : generalProductInformation		
23	**Checks if Quality Information Category is correctly defined.**	0.007s	Passed
	No Index classification in product.		
24	**Checks if Index Category is correctly defined.**	0.008s	Passed
	No Index classification in product.		
25	**Checks if Extra Files are present in product directory.**	0.014s	Passed
	No Extra Files found in product directory.		
26	**Checks if Quality Information Classification is correctly defined.**	0.008s	Passed
	No Index classification in product.		
27	**Checks if Platform Classification is correctly defined.**	0.002s	Passed
	Platform Classification is Ok.		
28	**Checks Interferometric Wide Swath product length is no longer than 30 min.**	0.021s	Passed
	Interferometric Wide Swath product acquisition in 0 min is acceptable.		
29	**Checks pointing status value is Normal Pointing Mode.**	0.202s	Passed
	Platform pointing is nominal.		
30	**Checks missing lines number is less than 30%.**	0.01s	Passed
	No missing lines in the product.		
31	**Usage of PgSource Model in level 1S.**	0.021s	Passed
	pgSource is extracted.		
32	**Number of missing/corrupted elements in level 1S.**	0.021s	Passed
	Less than 100 missing or corrupted elements.		
33	**Partial Polarisation Products.**	0.0s	Passed
	Valid polarisation configuration (single or dual polarisation product).		
34	**Flag on missing/corrupted elements in level 1S.**	0.02s	Passed
	No significant number of missing lines or data gaps (as annotated by the IPF).		
35	**Relative orbit number consistency in Sentinel-1A level 1S.**	0.01s	Passed
	Relative orbit number is compliant with absolute orbit number.		
36	**Cycle number consistency in Sentinel-1A level 1S.**	0.011s	Passed

Cycle number is compliant with absolute orbit number.