

# Amalfi Quality Control

## Report

### 1. Report Summary

#	Item	Date	Duration	Status
1	S1A_IW_GRDH_1SDV_20181009 ... ⓘ	2018-10-09T19:55:37	0.646 s	Passed

Table 1. Inspected item(s) summary

ⓘ S1A\_IW\_GRDH\_1SDV\_20181009T171427\_20181009T171452\_024062\_02A131\_E887.SAFE

### 2. Item S1A\_IW\_GRDH\_1SDV\_20181009T171427\_2018100 ...

#### 2.1. Overview

Name	S1A_IW_GRDH_1SDV_20181009T171427_20181009T171452_024062_02A131_E887.
URL	/data_PWA/pm2-s1-4.6.2/cache/WD_amalfi-server-IW_GRDH_1S-589822248/S1A_IW_GRDH_1SDV_20181009T171427_20181009T171452_024062_02A131_E887.SAFE
Class	SENTINEL-1 Interferometric Wide Swath Level 1 Product

Table 2. S1A\_IW\_GRDH\_1SDV\_20181009T171427\_20181009T171452\_024062\_02A131\_E887.SAFE

#### 2.2. Inspections

#	Inspection	Date	Duration	Status
1	<b>Checks if Schema Category is correctly defined.</b> <i>Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i>	2018-10-09T19:55:37	0.015 s	Passed
2	<b>Checks if MeasurementFrameSet Classification is correctly defined.</b> <i>Classification ok for : measurementFrameSet</i>	2018-10-09T19:55:37	0.01 s	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>	2018-10-09T19:55:37	0.031 s	Passed
4	<b>Checks if Index Classification is correctly defined.</b> <i>No Index classification in product.</i>	2018-10-09T19:55:37	0.009 s	Passed
5	<b>Checks if Processing metadata is present.</b> <i>Processing exists.</i>	2018-10-09T19:55:37	0.002 s	Passed

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#	Inspection	Date	Duration	Status
6	<b>Checks if Orbit Reference Category is correctly defined.</b> <i>Category ok for : measurementOrbitReference</i>	2018-10-09T19:55:37	0.008 s	<b>Passed</b>
7	<b>Checks if Acquisition Period Category is correctly defined.</b> <i>Acquisition Period Category is Ok.</i>	2018-10-09T19:55:37	0.003 s	<b>Passed</b>
8	<b>Checks if Platform Category is correctly defined.</b> <i>Platform Category is Ok.</i>	2018-10-09T19:55:37	0.002 s	<b>Passed</b>
9	<b>Checks if Acquisition Period is present.</b> <i>Acquisition Period exists.</i>	2018-10-09T19:55:37	0.002 s	<b>Passed</b>
10	<b>Checks if Schema Classification is correctly defined.</b> <i>Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i>	2018-10-09T19:55:37	0.008 s	<b>Passed</b>
11	<b>Checks if Processing Classification is correctly defined.</b> <i>Processing Classification is Ok.</i>	2018-10-09T19:55:37	0.002 s	<b>Passed</b>
12	<b>Checks if Grid Reference Classification is correctly defined.</b> <i>No Index classification in product.</i>	2018-10-09T19:55:37	0.007 s	<b>Passed</b>
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>	2018-10-09T19:55:37	0.135 s	<b>Passed</b>
14	<b>Checks if Orbit Reference Classification is correctly defined.</b> <i>Classification ok for : measurementOrbitReference</i>	2018-10-09T19:55:37	0.006 s	<b>Passed</b>
15	<b>Checks if Acquisition Period Classification is correctly defined.</b> <i>Acquisition Period Classification is Ok.</i>	2018-10-09T19:55:37	0.003 s	<b>Passed</b>
16	<b>Checks if Processing Category is correctly defined.</b> <i>Processing Category is Ok.</i>	2018-10-09T19:55:37	0.001 s	<b>Passed</b>
17	<b>Checks if MeasurementFrameSet Category is correctly defined.</b> <i>Category ok for : measurementFrameSet</i>	2018-10-09T19:55:37	0.007 s	<b>Passed</b>
18	<b>Checks if Annotation Category is correctly defined.</b>	2018-10-09T19:55:37	0.007 s	<b>Passed</b>

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#	Inspection	Date	Duration	Status
	Category ok for : productsIaiwgrdvh20181009t17142720181009t17145202406202a131002Annotation, noisesIaiwgrdvh20181009t17142720181009t17145202406202a131002Annotation, calibrationsIaiwgrdvh20181009t17142720181009t17145202406202a131002Annotation, productsIaiwgrdv20181009t17142720181009t17145202406202a131001Annotation, noisesIaiwgrdv20181009t17142720181009t17145202406202a131001Annotation, calibrationsIaiwgrdv20181009t17142720181009t17145202406202a131001Annotation, mapoverlayAnnotation, productpreviewAnnotation			
19	<b>Checks if Annotation Classification is correctly defined.</b>  Classification ok for : productsIaiwgrdvh20181009t17142720181009t17145202406202a131002Annotation, noisesIaiwgrdvh20181009t17142720181009t17145202406202a131002Annotation, calibrationsIaiwgrdvh20181009t17142720181009t17145202406202a131002Annotation, productsIaiwgrdv20181009t17142720181009t17145202406202a131001Annotation, noisesIaiwgrdv20181009t17142720181009t17145202406202a131001Annotation, calibrationsIaiwgrdv20181009t17142720181009t17145202406202a131001Annotation, mapoverlayAnnotation, productpreviewAnnotation	2018-10-09T19:55:37	0.007 s	<b>Passed</b>
20	<b>Checks if Information Category is correctly defined.</b>  Category ok for : generalProductInformation	2018-10-09T19:55:37	0.006 s	<b>Passed</b>
21	<b>Checks if Grid Reference Category is correctly defined.</b>  No Index classification in product.	2018-10-09T19:55:37	0.007 s	<b>Passed</b>
22	<b>Checks if Information Classification is correctly defined.</b>  Classification ok for : generalProductInformation	2018-10-09T19:55:37	0.006 s	<b>Passed</b>
23	<b>Checks if Quality Information Category is correctly defined.</b>  No Index classification in product.	2018-10-09T19:55:37	0.006 s	<b>Passed</b>
24	<b>Checks if Index Category is correctly defined.</b>  No Index classification in product.	2018-10-09T19:55:37	0.007 s	<b>Passed</b>
25	<b>Checks if Extra Files are present in product directory.</b>  No Extra Files found in product directory.	2018-10-09T19:55:37	0.01 s	<b>Passed</b>
26	<b>Checks if Quality Information Classification is correctly defined.</b>  No Index classification in product.	2018-10-09T19:55:37	0.006 s	<b>Passed</b>
27	<b>Checks if Platform Classification is correctly defined.</b>  Platform Classification is Ok.	2018-10-09T19:55:37	0.002 s	<b>Passed</b>

## Amalfi Quality Control

#	Inspection	Date	Duration	Status
28	<b>Checks missing lines number is less than 30%.</b> <i>No missing lines in the product.</i>	2018-10-09T19:55:37	0.008 s	<b>Passed</b>
29	<b>Checks pointing status value is Normal Pointing Mode.</b> <i>Platform pointing is nominal.</i>	2018-10-09T19:55:37	0.307 s	
30	<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>	2018-10-09T19:55:37	0.013 s	<b>Passed</b>

Table 3. All Applicable Inspections Plan (Automatic)