

**Test Number:** AS3279\_VIIRS\_BRDF\_TropicalAreaChange\_Test2

**Test Date:** 08/02/19

**Last Revised:** 8/12/19

**Last Rev changes:** Corrected DB files to be staged/used and test periods

**Discipline:** Land

**Test Title:** 16-Day BRDF Revision for Tropical Areas Verification

**Test Objective:** Second test using BRDF with revisions in place to handle VNP09GA data over tropical areas differently to avoid unreliable retrieval in this area, but keep Sahara area as is.

**Test Time Intervals:**

2017-12-27 00:00 – 2018-01-17 00:00

2018-07-04 00:00 – 2018-07-28 00:00

**Machine/Archive Set:** ops4,

**Related Test(s):** AS3245

**Baseline DataSet:** AS5000

**Input DataSet:** Sync the data listed below from laads AS5000 to ops4 AS5000, and then clone the data from AS5000 to the test archive set on ops4:

VNP09GA for periods 2017353 to 2018024 and 2018177 to 2018216

VNP43MDB with PGE\_StartTimes of 12/26/17 and 7/3/18

VNP43IDB with PGE\_StartTimes of 12/26/17 and 7/3/18

**Special processing notes:**

- The VNP\_L22m7 is a daily recipe, however it uses 16-days of the VNP09GA input data; 8 days prior to the data day being processed and 7 days after are what get staged for each run.
- Recipe is run with a start and end profile of 1.
- TileSchemeId is 502
- A plan will be needed for each data day.
- The Plan for the first day of each data period will likely need to be forced.

Recipes/PGEs to be executed:

<u>Recipe</u>	<u>Version</u>	<u>PGE</u>	<u>Version</u>	<u>Type</u>	<u>PGE Name</u>
L22m7	1.0.12	523	1.0.12	OPS	VIIRS 16-Day BRDF

---

NPP Test Group Notes

---

Changes to Test Plan:

Final Plan Approved by:

Date:

Test Started:

Test Completed:

Verified in LAADS

Production Notes:

\*\*\*Additional Processing Notes:

Products to be synched to LAADS:

B\_VNP43IA1

B\_VNP43IA3

B\_VNP43IA4

B\_VNP43MA1

B\_VNP43MA3

B\_VNP43MA4

VBN43I1

VBN43I3

VBN43I4

VBN43M1

VBN43M3

VBN43M4

VNP43IA1

VNP43IA1C

VNP43IA2

VNP43IA2C

VNP43IA3

VNP43IA3C

VNP43IA4

VNP43IA4C

VNP43MA1

VNP43MA1C

VNP43MA2

VNP43MA2C

VNP43MA3

VNP43MA3C

VNP43MA4

VNP43MA4C

VNP43MDB

VNP43IDB

Test Results:

Data Set Removal Information

Date:

Approved by: