

GOES-RSTU OSPO INR Report

Report Time Range 04/08/24 to 04/15/24

Satellite ID: GOES - 18

ABI VNIR Full Disk Navigation (NAV) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 1	Ch 2	Ch 3	Ch 5	Ch 6
EW	100.00% 10785/10785	100.00% 22106/22106	100.00% 20868/20868	100.00% 20961/20961	100.00% 6621/6621
NS	100.00% 10785/10785	100.00% 22106/22106	100.00% 20868/20868	100.00% 20961/20961	100.00% 6621/6621

VNIR NAV Points Within Limits Table 1

ABI MWIR/LWIR Full Disk Navigation (NAV) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 25140/25140	100.00% 19807/19807	100.00% 23234/23234	100.00% 21924/21924	100.00% 15380/15380	100.00% 12170/12170
NS	100.00% 25139/25140	100.00% 19807/19807	99.99% 23232/23234	99.99% 21921/21924	100.00% 15380/15380	99.98% 12167/12170

MWIR/LWIR NAV Points Within Limits Table 2

ABI VNIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 1	Ch 2	Ch 3	Ch 5	Ch 6
EW	100.00% 28378/28378	100.00% 33256/33256	100.00% 37359/37359	100.00% 38711/38711	100.00% 10178/10178
NS	100.00% 28378/28378	100.00% 33256/33256	100.00% 37359/37359	100.00% 38711/38711	100.00% 10178/10178

VNIR FFR Points Within Limits Table 3

ABI MWIR/LWIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

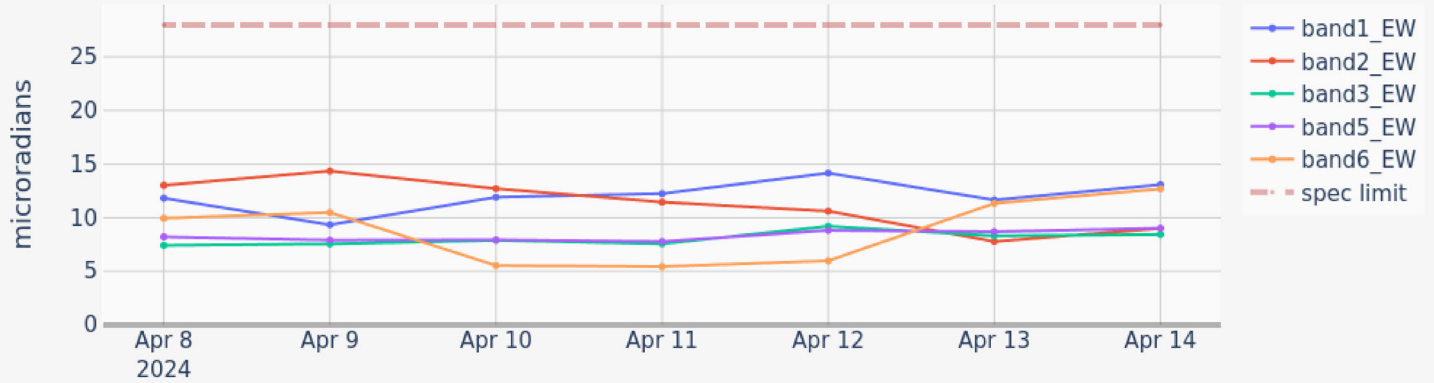
BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 32330/32330	100.00% 25613/25613	100.00% 29270/29270	100.00% 28144/28144	100.00% 20274/20274	100.00% 17593/17593
NS	100.00% 32330/32330	100.00% 25613/25613	100.00% 29270/29270	100.00% 28144/28144	100.00% 20274/20274	100.00% 17593/17593

MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

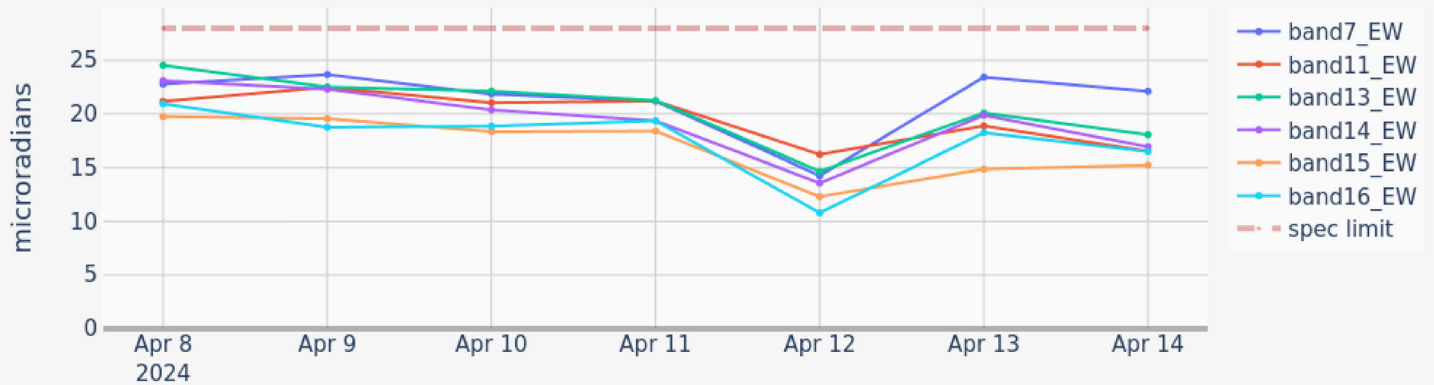
VNIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (WCDAS) G18



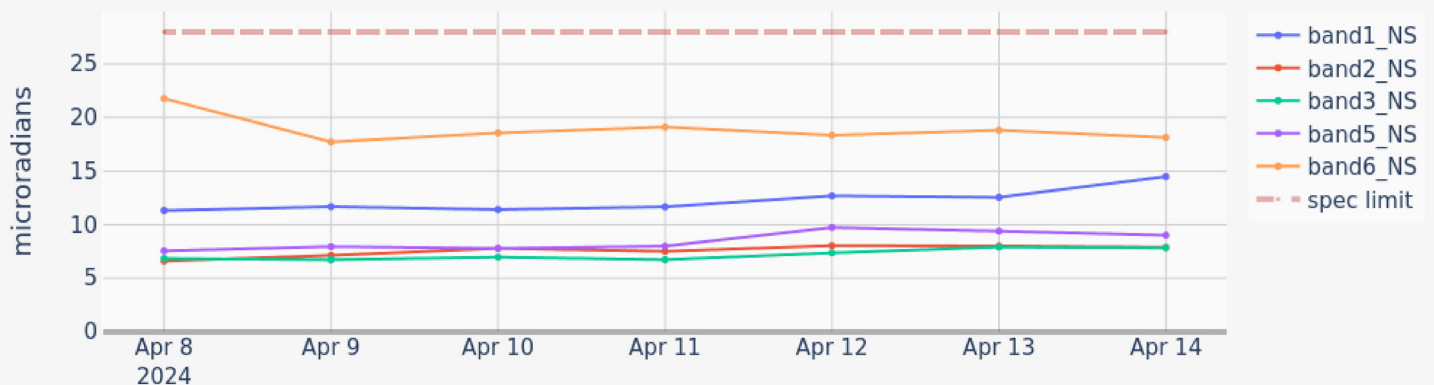
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (WCDAS) G18



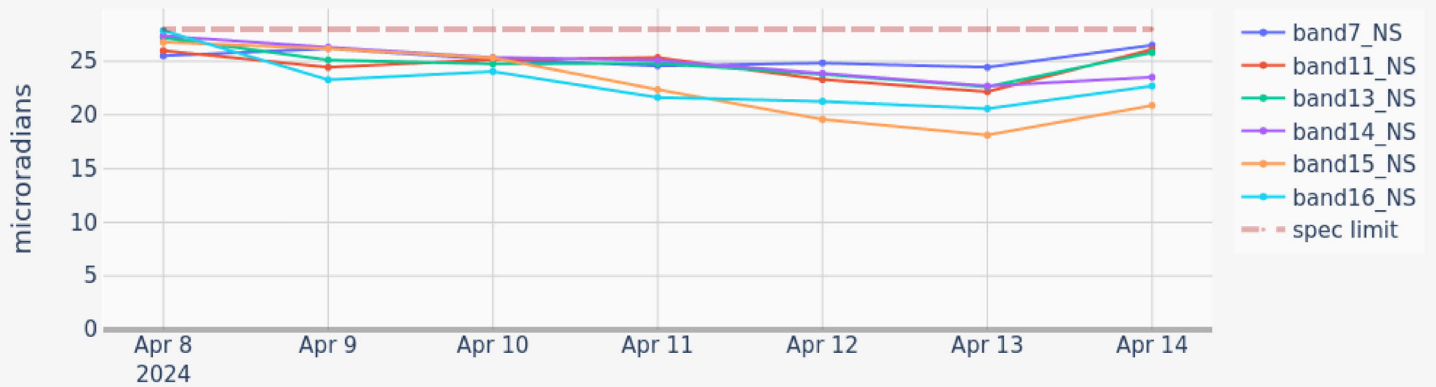
VNIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (WCDAS) G18



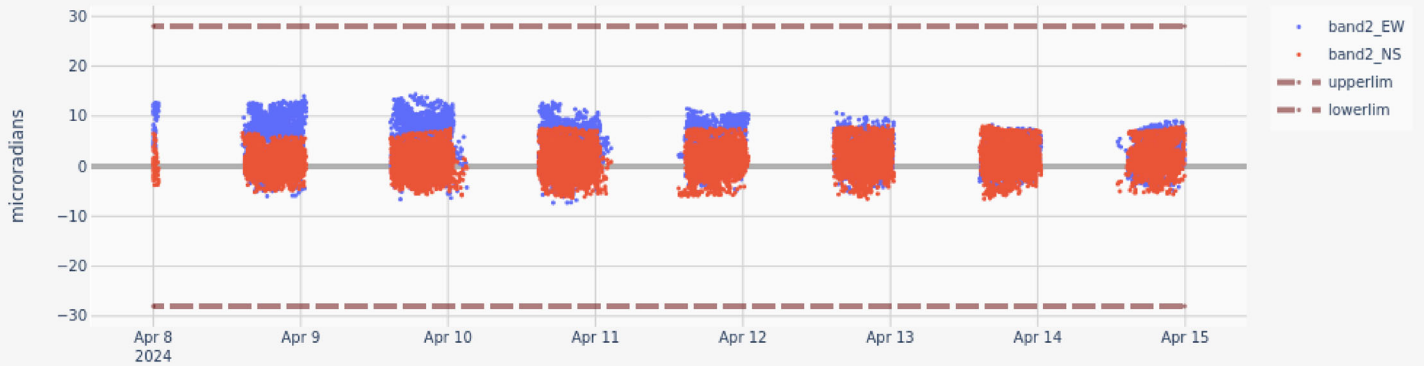
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (WCDAS) G18



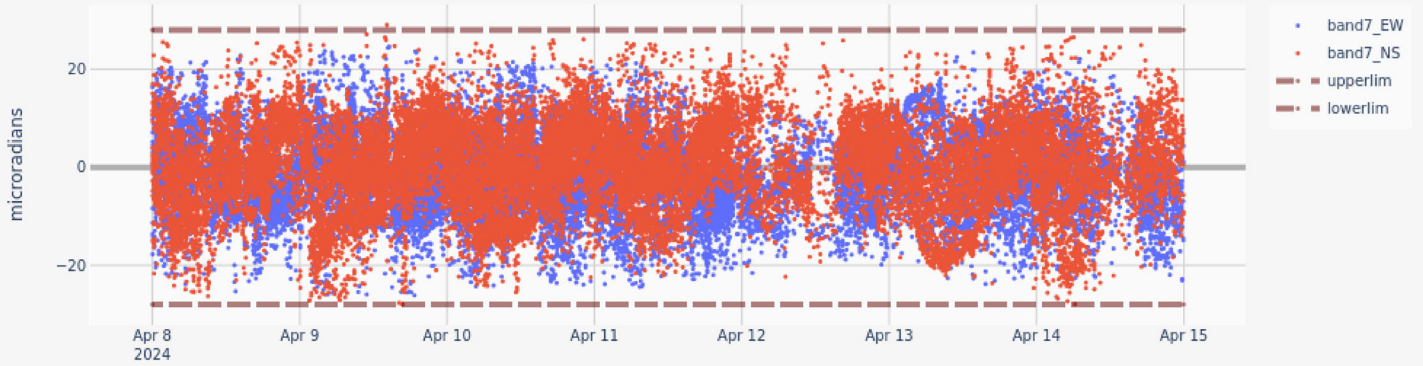
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.WCDAS]



NAV Residuals Band:7

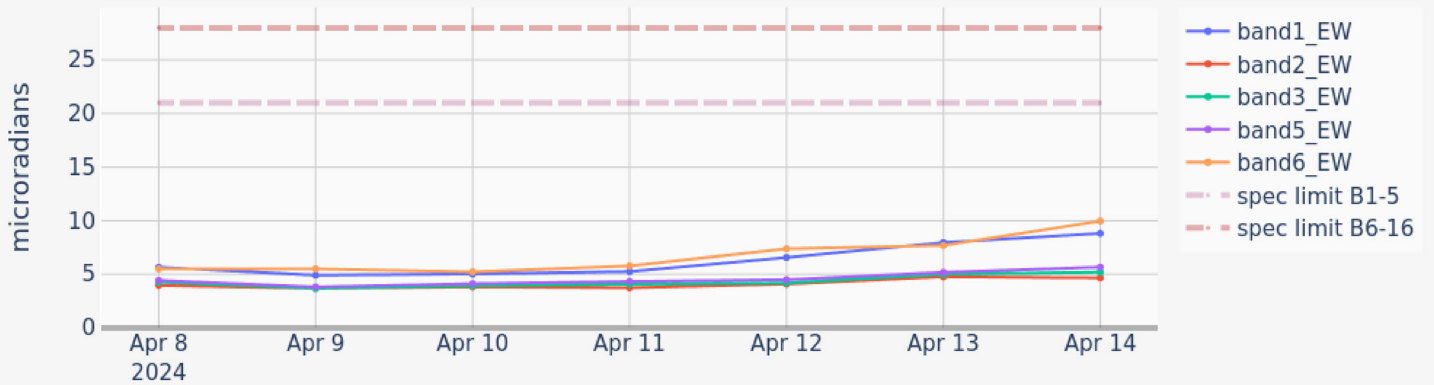
NAV Residuals plot Band:7 [INR.WCDAS]



FFR Plots:

VNIR Daily ABSMEAN+3SIGMA EW

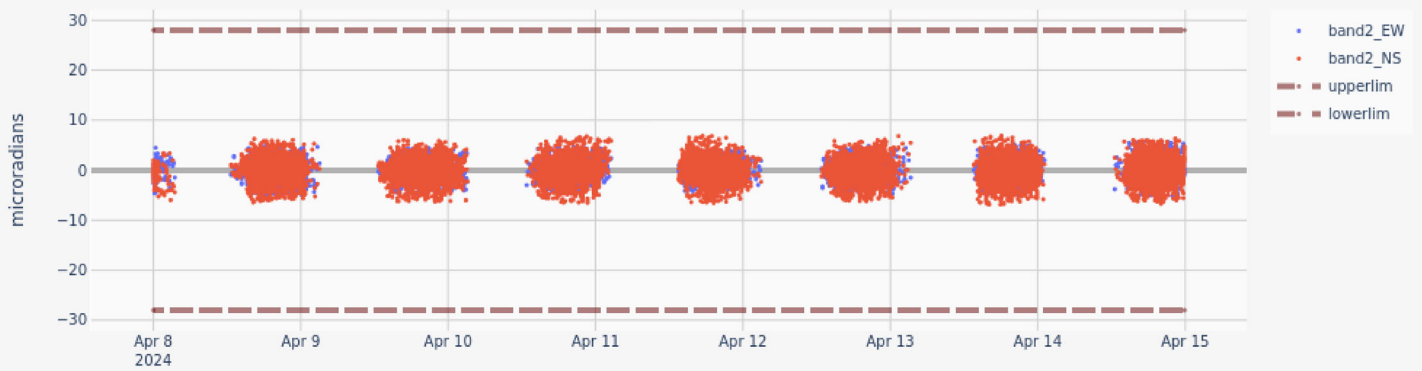
ABI FD EW FFR Daily ABSMEAN+3SIGMA (WCDAS) G18



MWIR/LWIR Daily ABSMEAN+3SIGMA EW

FFR Residuals Band:2

FFR Residuals plot Band:2 [INR.WCDAS]



FFR Residuals Band:7

FFR Residuals plot Band:7 [INR.WCDAS]

