

GOES-RSTU OSPO INR Report

Report Time Range 12/09/24 to 12/16/24

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% 6433/6433	100.00% 12896/12896	100.00% 13712/13712	100.00% 13611/13611	100.00% 4554/4554
NS	100.00% 6433/6433	100.00% 12896/12896	100.00% 13712/13712	100.00% 13611/13611	100.00% 4554/4554

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% 24108/24108	100.00% 19474/19474	100.00% 23470/23470	100.00% 22226/22226	100.00% 15475/15475	100.00% 11700/11700
NS	100.00% 24108/24108	99.95% 19464/19474	99.99% 23468/23470	99.95% 22214/22226	99.89% 15458/15475	99.82% 11679/11700

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% 20246/20246	100.00% 23806/23806	100.00% 28411/28411	100.00% 30130/30130	100.00% 7092/7092
NS	100.00% 20246/20246	100.00% 23806/23806	100.00% 28411/28411	100.00% 30130/30130	100.00% 7092/7092

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)

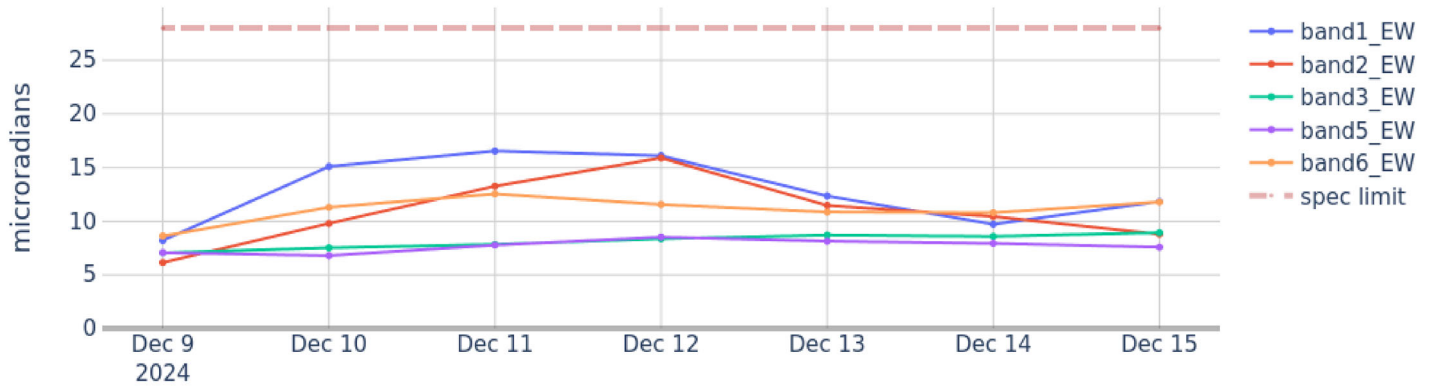
BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 29070/29070	100.00% 23407/23407	100.00% 27242/27242	100.00% 25983/25983	100.00% 18248/18248	100.00% 15253/15253
NS	100.00% 29070/29070	100.00% 23407/23407	100.00% 27242/27242	100.00% 25983/25983	100.00% 18248/18248	100.00% 15253/15253

MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

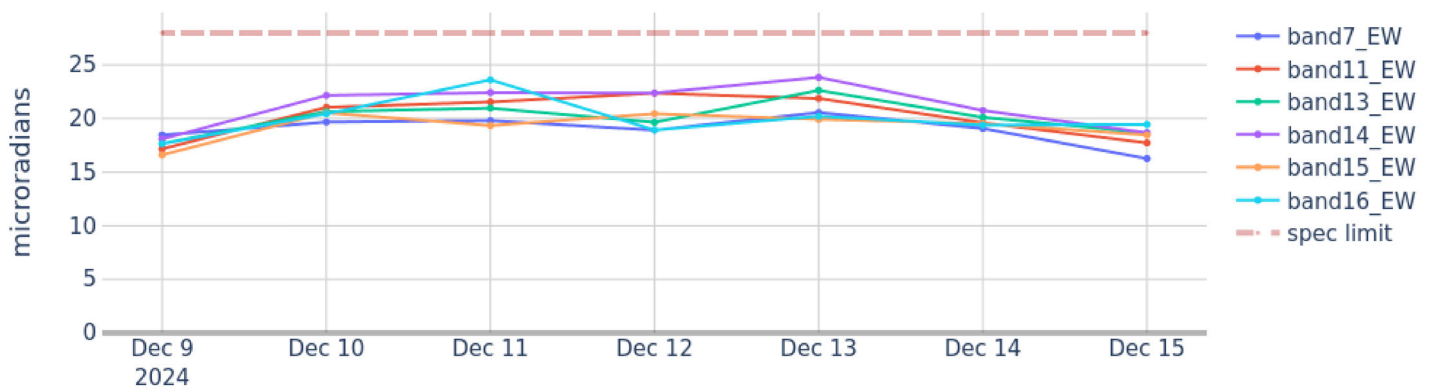
VNIR Daily ABSMEAN+3SIGMA EW

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



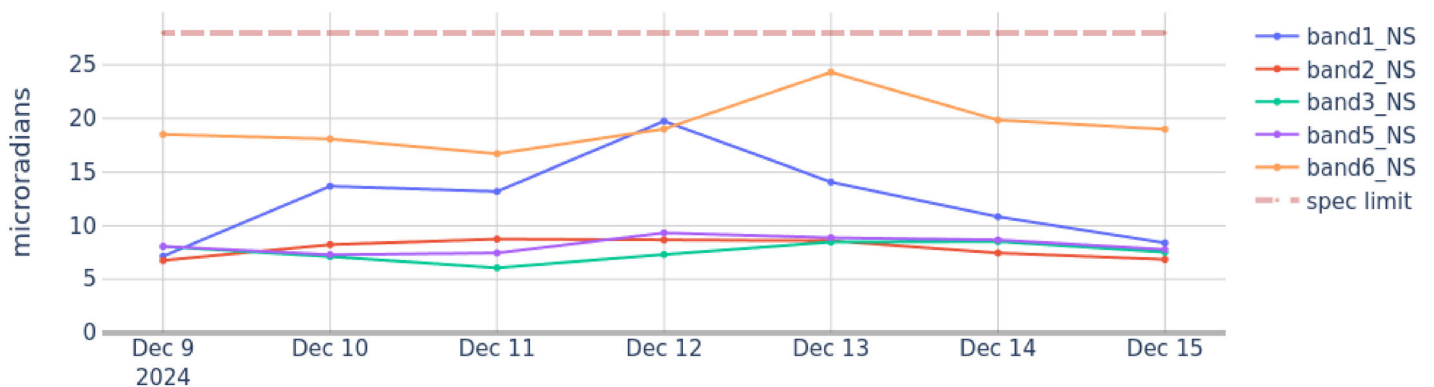
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



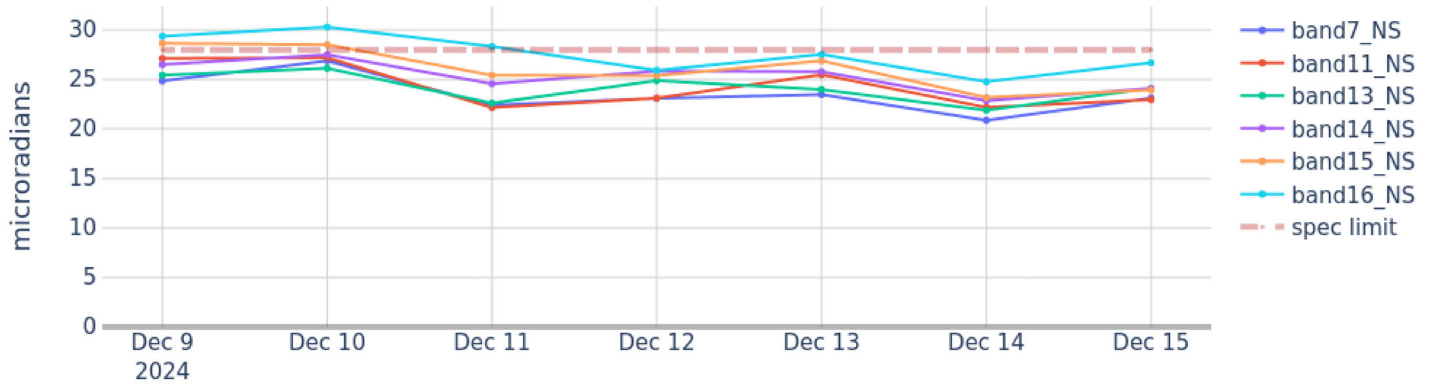
VNIR Daily ABSMEAN+3SIGMA NS

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



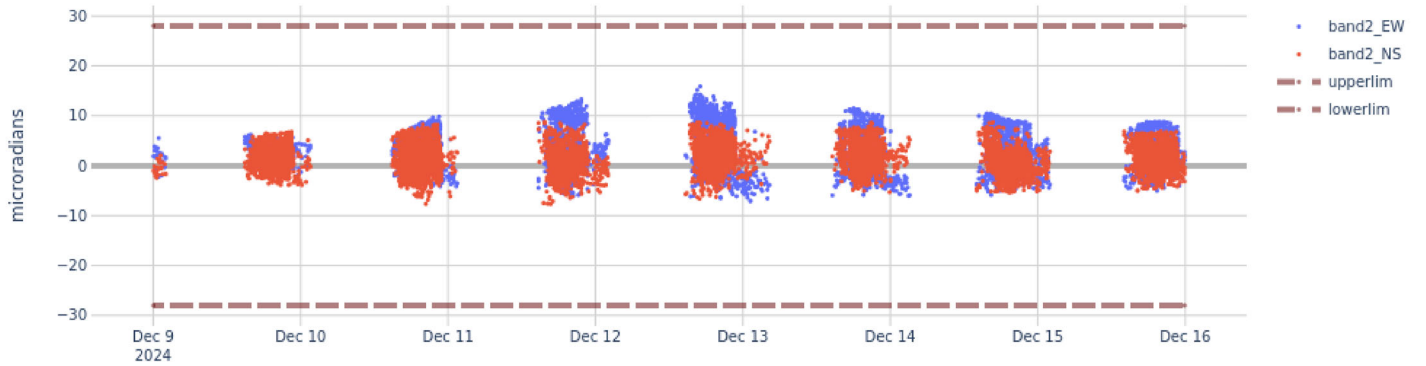
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



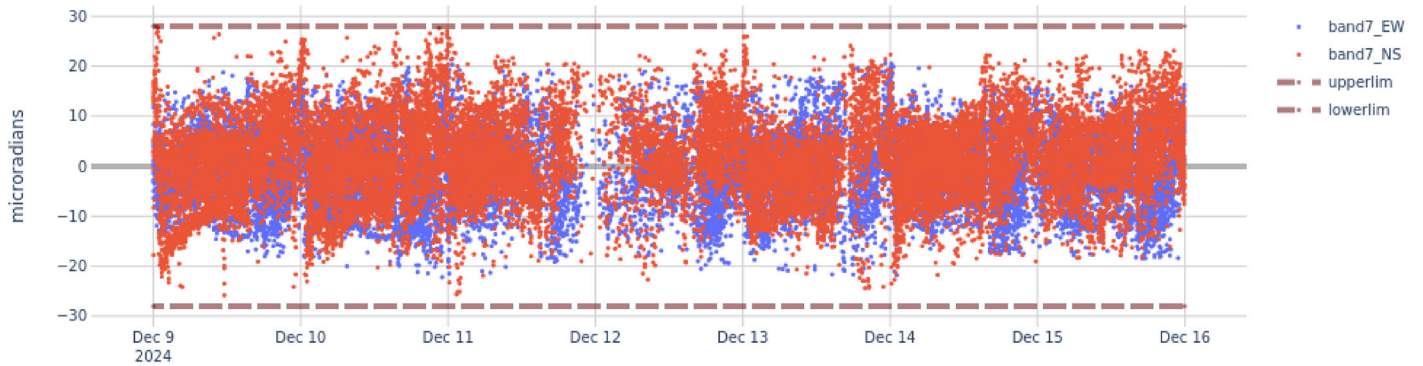
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.merged]



NAV Residuals Band:7

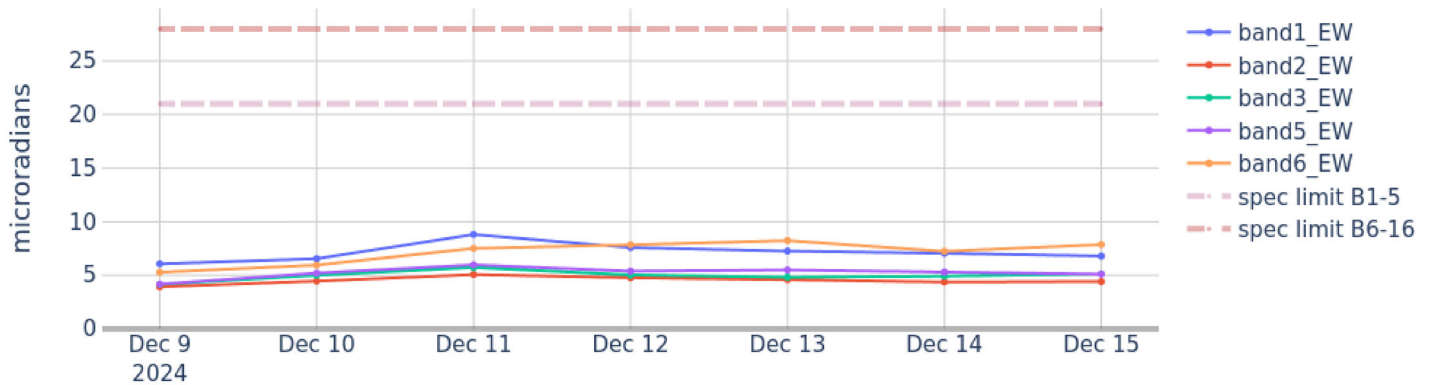
NAV Residuals plot Band:7 [INR.merged]



FFR Plots:

VNIR Daily ABSMEAN+3SIGMA EW

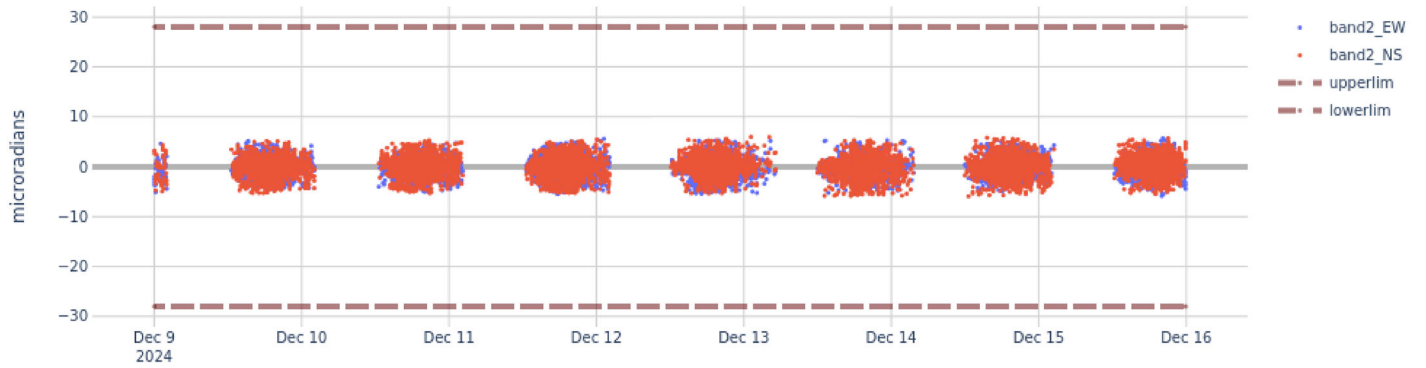
ABI FD EW FFR Daily ABSMEAN+3SIGMA (merged) G18



MWIR/LWIR Daily ABSMEAN+3SIGMA EW

FFR Residuals Band:2

FFR Residuals plot Band:2 [INR.merged]



FFR Residuals Band:7

FFR Residuals plot Band:7 [INR.merged]

