

GOES-RSTU OSPO INR Report

Report Time Range 03/03/25 to 03/10/25

Satellite ID: GOES - 19

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% 13055/13055	100.00% 17623/17623	100.00% 17180/17180	100.00% 17043/17043	99.99% 15605/15606
NS	100.00% 13055/13055	100.00% 17623/17623	100.00% 17180/17180	100.00% 17043/17043	99.99% 15605/15606

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	99.82% 43726/43805	99.97% 38665/38675	99.98% 39175/39184	99.94% 37573/37597	99.79% 34714/34787	99.79% 27833/27891
NS	99.69% 43670/43805	99.77% 38585/38675	99.74% 39083/39184	99.75% 37502/37597	99.72% 34690/34787	99.82% 27841/27891

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% 22483/22483	100.00% 24628/24628	100.00% 25833/25833	100.00% 26814/26814	100.00% 25510/25510
NS	100.00% 22483/22483	100.00% 24628/24628	100.00% 25833/25833	100.00% 26814/26814	100.00% 25510/25510

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)

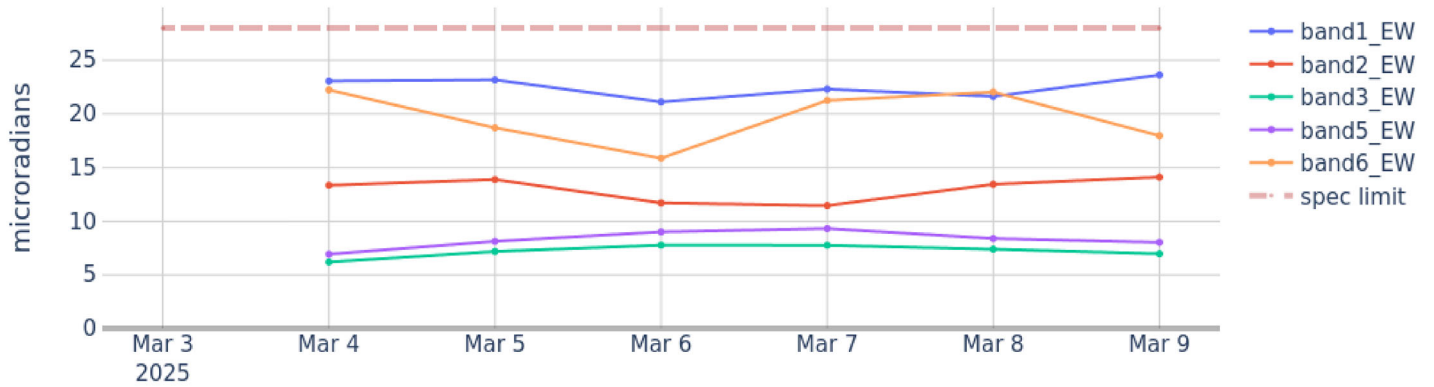
BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 60513/60513	100.00% 53971/53971	100.00% 53819/53819	100.00% 51532/51532	100.00% 49313/49313	100.00% 45888/45888
NS	100.00% 60513/60513	100.00% 53971/53971	100.00% 53819/53819	100.00% 51532/51532	100.00% 49313/49313	100.00% 45888/45888

MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

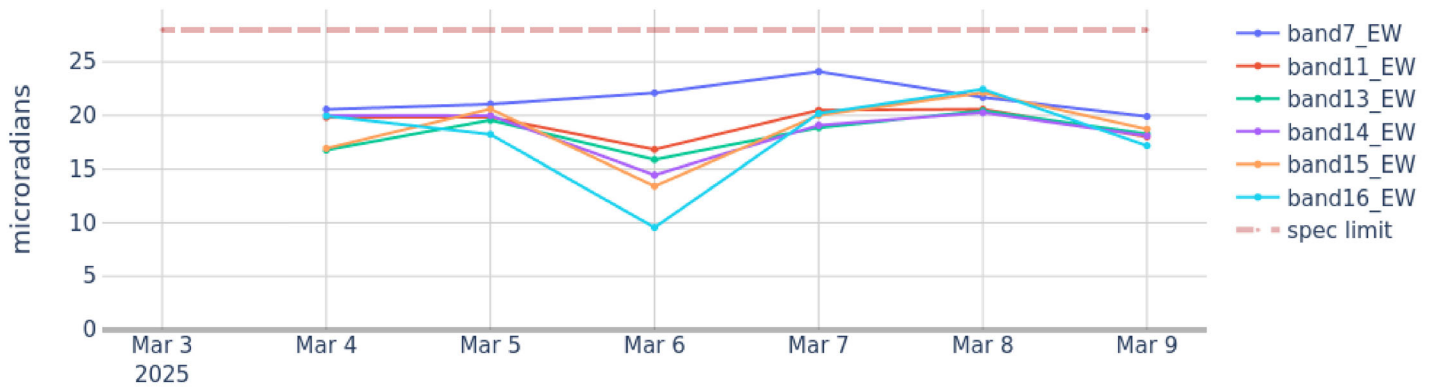
VNIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (merged) G19



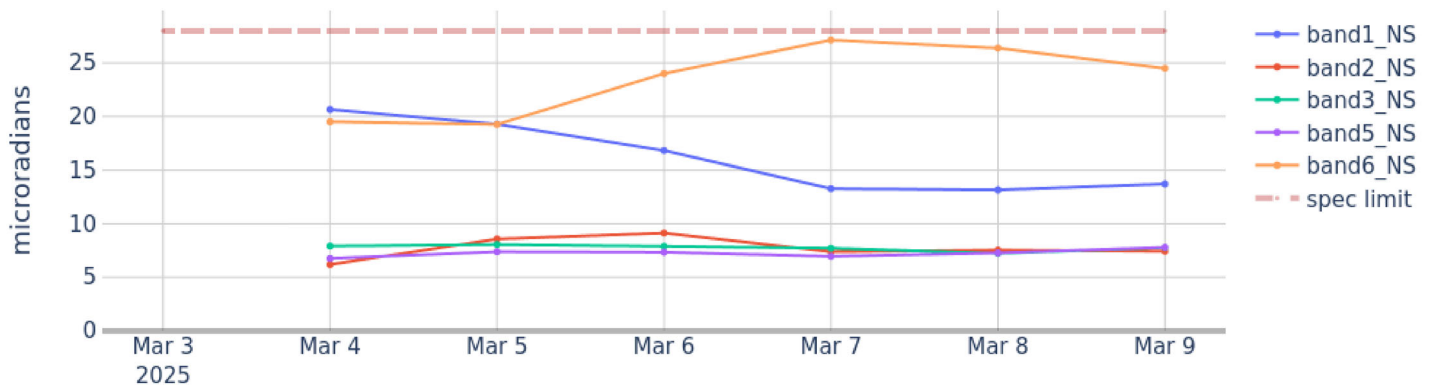
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (merged) G19



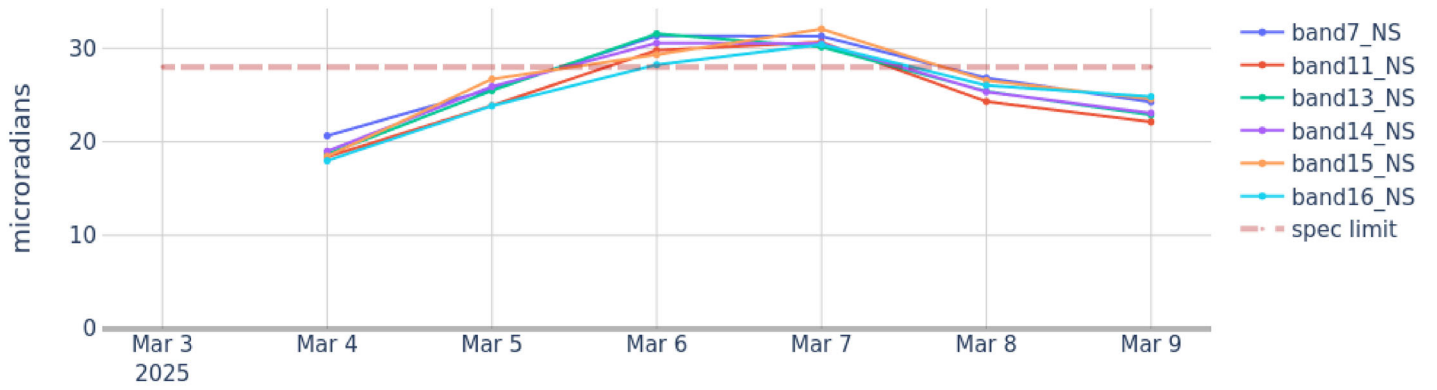
VNIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (merged) G19



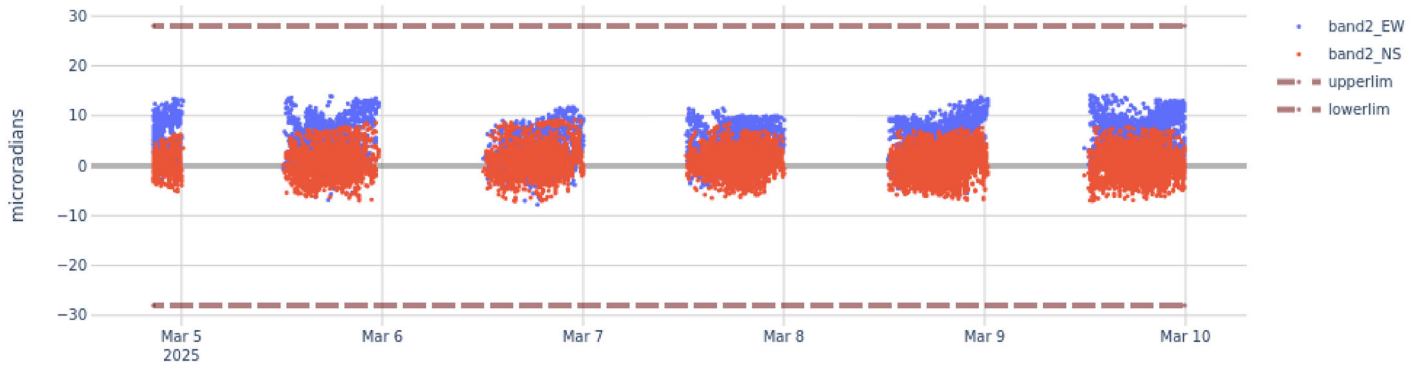
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (merged) G19



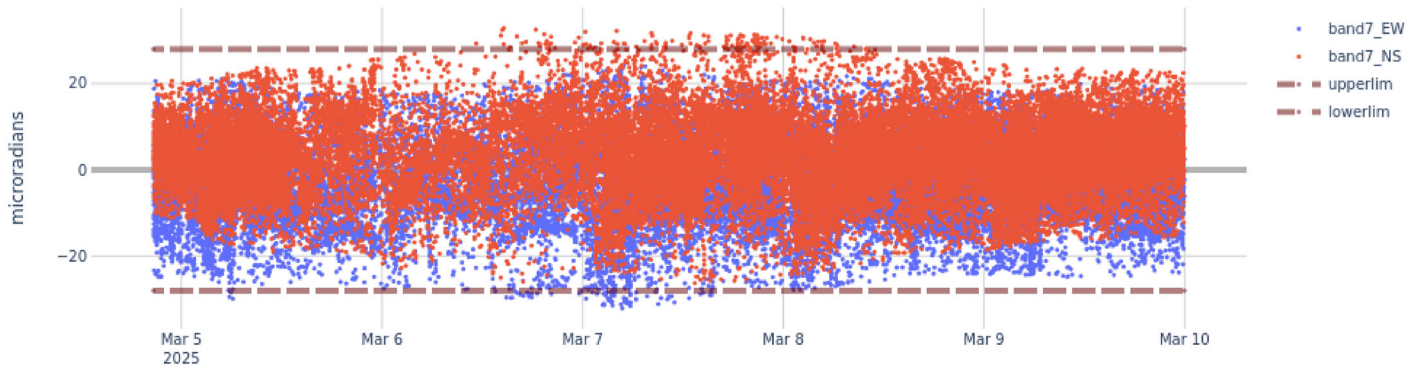
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.merged]



NAV Residuals Band:7

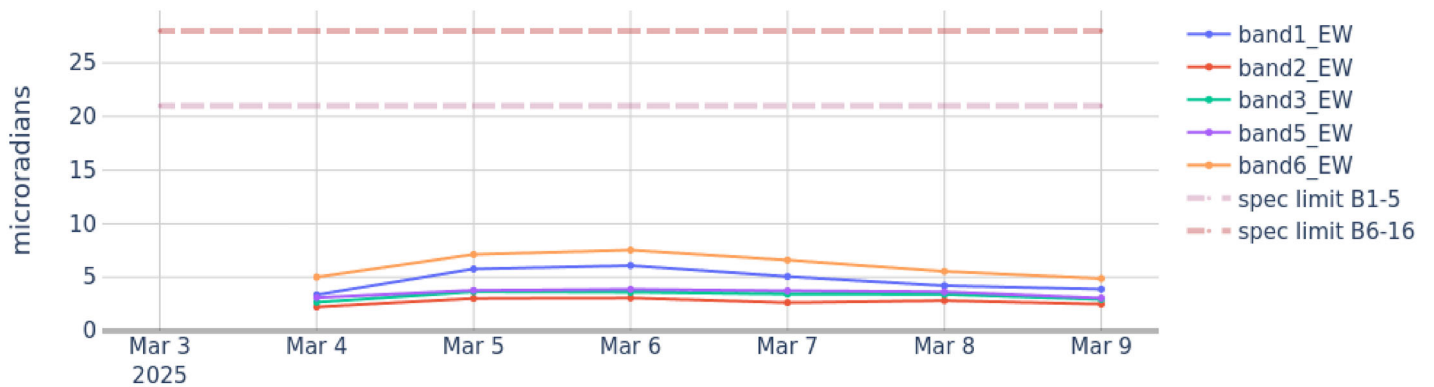
NAV Residuals plot Band:7 [INR.merged]



FFR Plots:

VNIR Daily ABSMEAN+3SIGMA EW

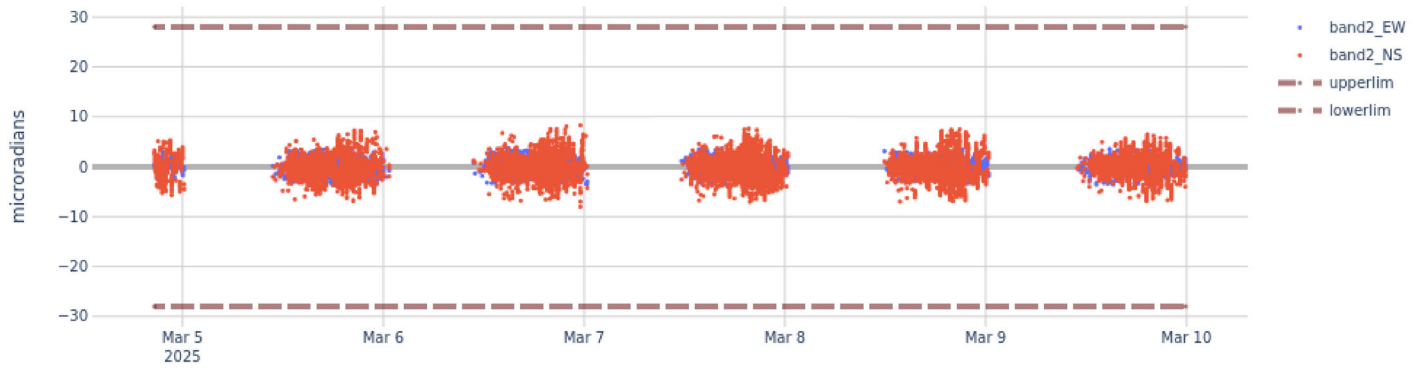
ABI FD EW FFR Daily ABSMEAN+3SIGMA (merged) G19



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]

