

GOES-RSTU OSPO INR Report

Report Time Range 03/11/24 to 03/18/24

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% 8799/8799	100.00% 15635/15635	100.00% 17143/17143	100.00% 16512/16512	100.00% 7950/7950
NS	100.00% 8891/8891	100.00% 15393/15393	100.00% 17143/17143	100.00% 16512/16512	99.99% 8076/8077

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	99.31% 29695/29900	99.40% 22511/22646	99.57% 25226/25336	99.57% 24117/24221	99.53% 19215/19306	99.67% 15873/15926
NS	99.44% 30074/30243	99.09% 22439/22646	99.16% 24389/24595	99.14% 23759/23965	99.07% 19562/19746	98.93% 14629/14787

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% 25668/25668	100.00% 28697/28697	100.00% 31424/31424	100.00% 33080/33080	100.00% 16895/16895
NS	100.00% 26046/26046	100.00% 28522/28522	100.00% 31791/31791	100.00% 33080/33080	100.00% 16895/16895

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)

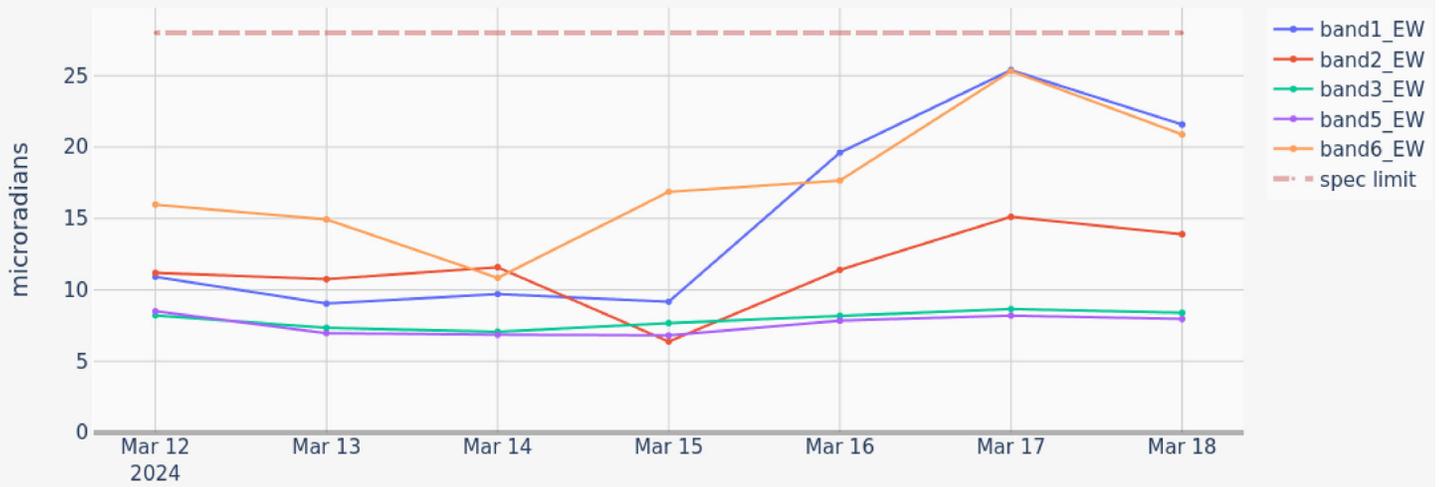
BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 46276/46277	100.00% 32779/32779	100.00% 34746/34746	100.00% 32650/32650	100.00% 27744/27744	100.00% 24595/24595
NS	100.00% 45326/45326	100.00% 33326/33326	100.00% 34505/34505	100.00% 33043/33043	100.00% 27744/27744	100.00% 23420/23420

MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

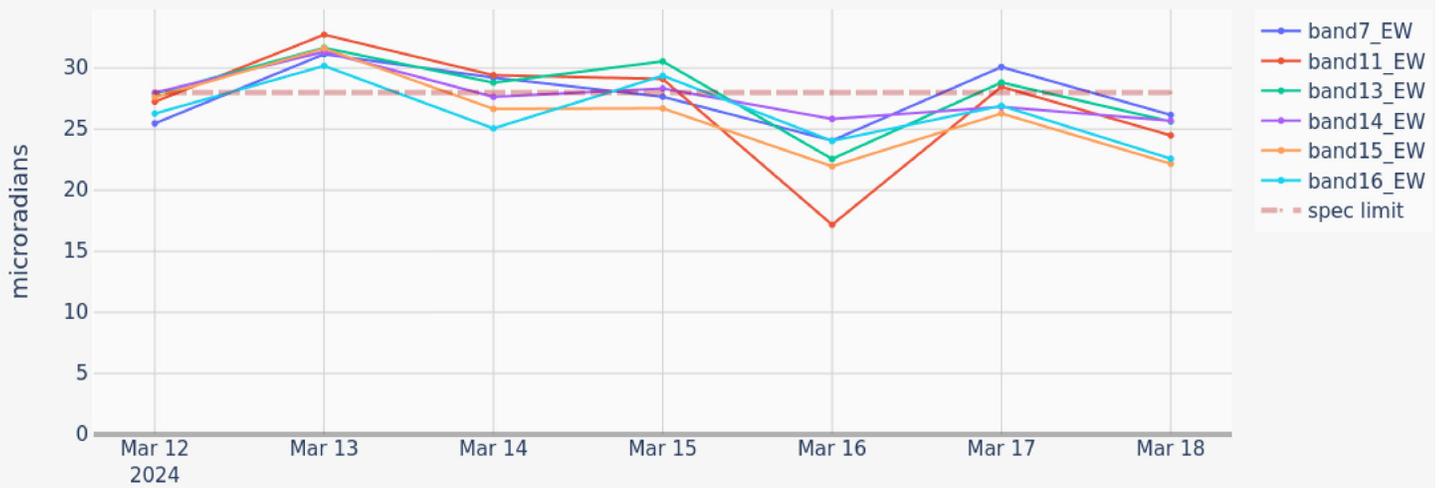
VNIR Daily ABSMEAN+3SIGMA EW

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



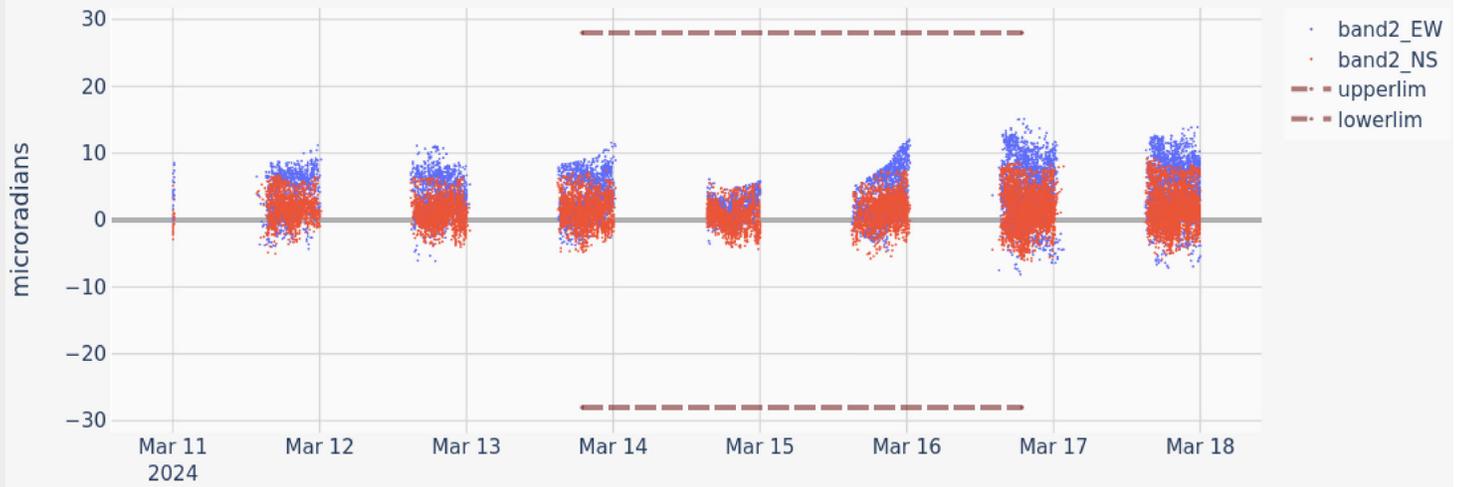
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



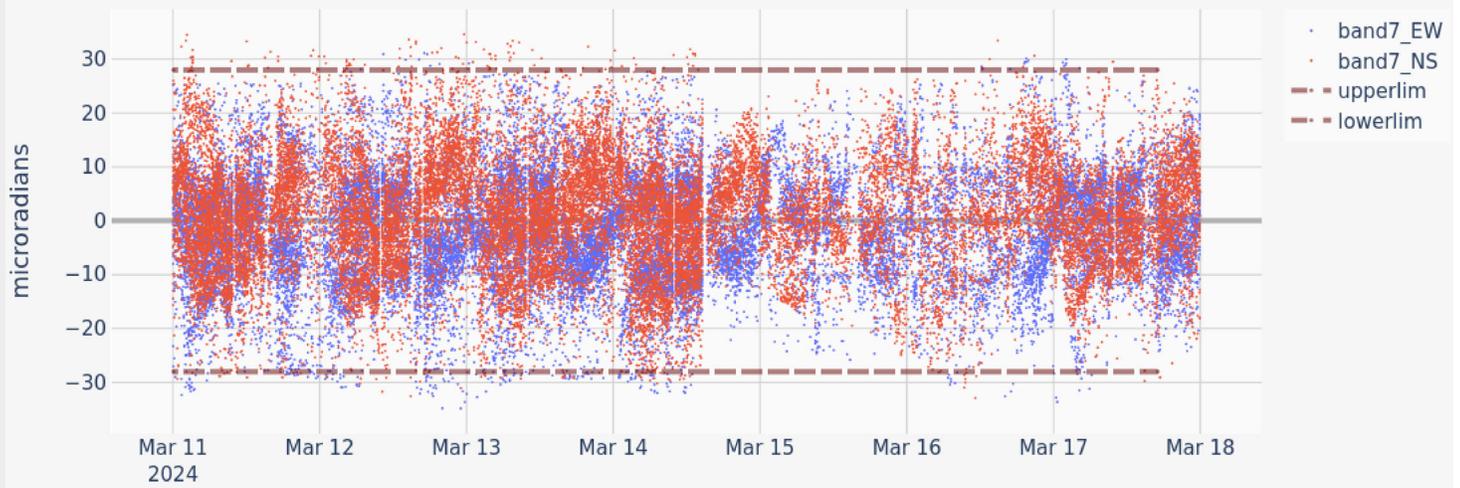
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.merged]



NAV Residuals Band:7

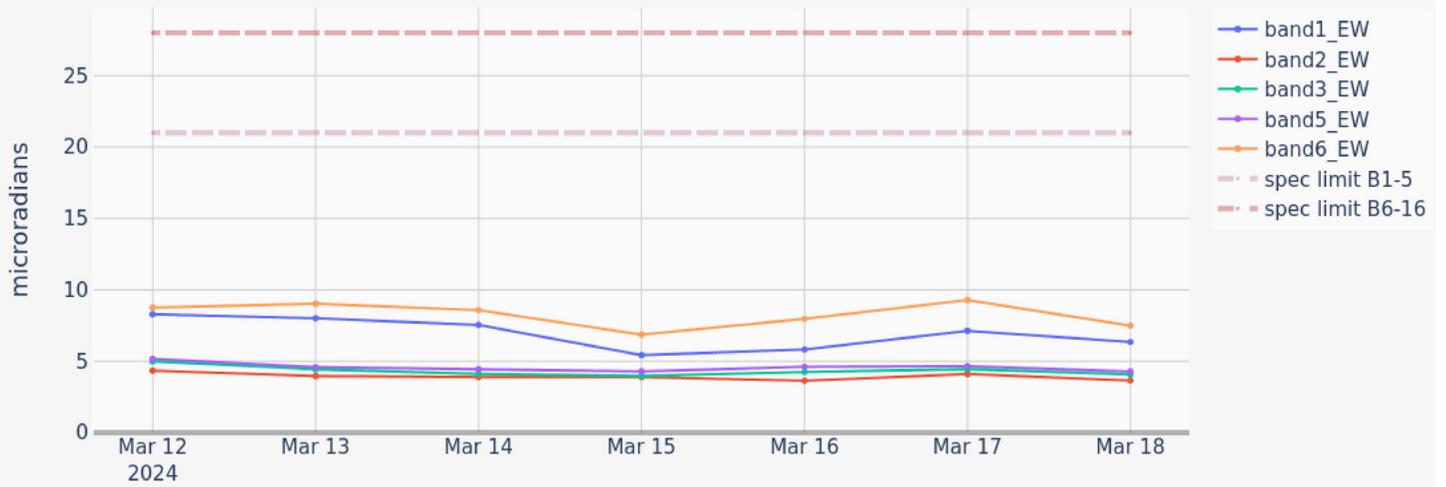
NAV Residuals plot Band:7 [INR.merged]



FFR Plots:

VNIR Daily ABSMEAN+3SIGMA EW

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



MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



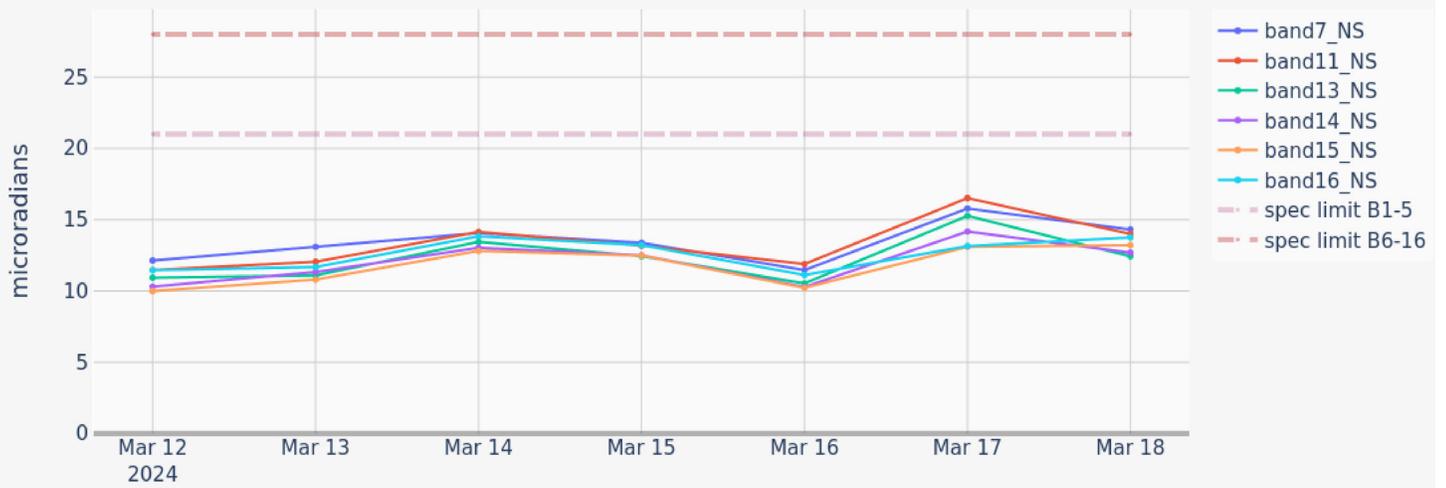
VNIR Daily ABSMEAN+3SIGMA NS

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



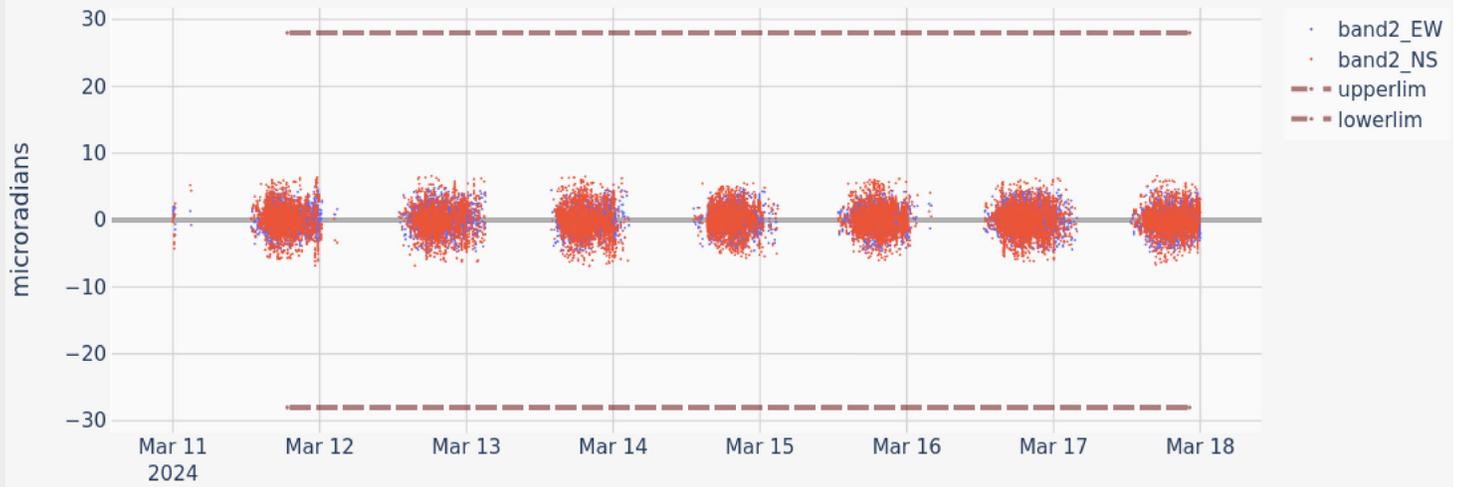
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



FFR Residuals Band:2

FFR Residuals plot Band:2 [INR.merged]



FFR Residuals Band:7

FFR Residuals plot Band:7 [INR.merged]

