

GOES-RSTU OSPO INR Report

Report Time Range 04/07/25 to 04/14/25

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% 13432/13432	100.00% 20420/20420	100.00% 23522/23522	100.00% 23121/23121	100.00% 19924/19924
NS	100.00% 13432/13432	100.00% 20420/20420	100.00% 23522/23522	100.00% 23121/23121	100.00% 19924/19924
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% 54647/54649	100.00% 49897/49897	100.00% 52264/52264	100.00% 50133/50134	100.00% 46831/46833	100.00% 38505/38506
NS	100.00% 54648/54649	100.00% 49897/49897	100.00% 52264/52264	99.99% 50127/50134	100.00% 46833/46833	100.00% 38506/38506
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% 33930/33930	100.00% 35842/35842	100.00% 36903/36903	100.00% 38881/38881	100.00% 36691/36691
NS	100.00% 33930/33930	100.00% 35842/35842	100.00% 36903/36903	100.00% 38881/38881	100.00% 36691/36691
VNIR FFR Points Within Limits Table 3					

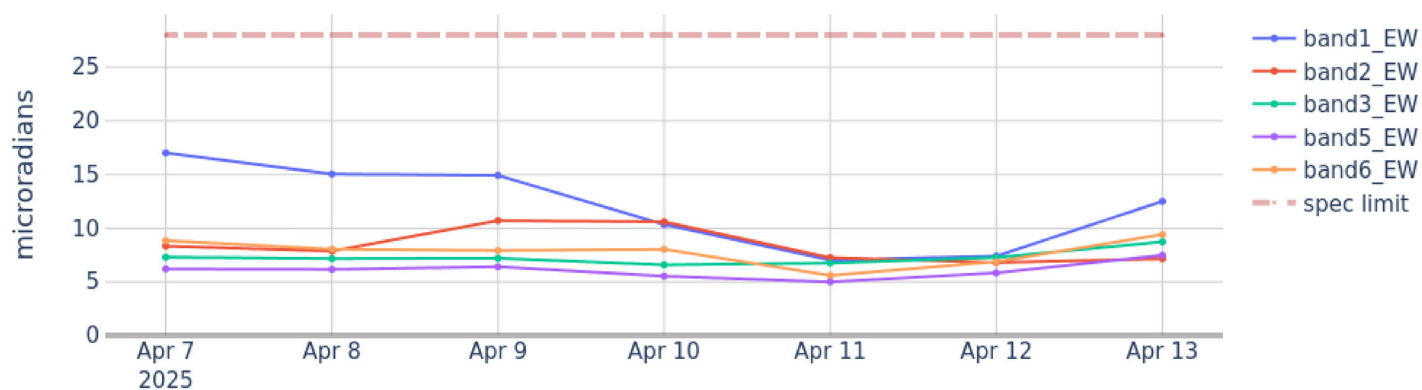
ABI MWIR/LWIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 87594/87594	100.00% 80070/80070	100.00% 79791/79791	100.00% 77256/77256	100.00% 74710/74710	100.00% 67991/67991
NS	100.00% 87594/87594	100.00% 80070/80070	100.00% 79791/79791	100.00% 77256/77256	100.00% 74710/74710	100.00% 67991/67991
MWIR/LWIR FFR Points Within Limits Table 4						

NAV Plots:

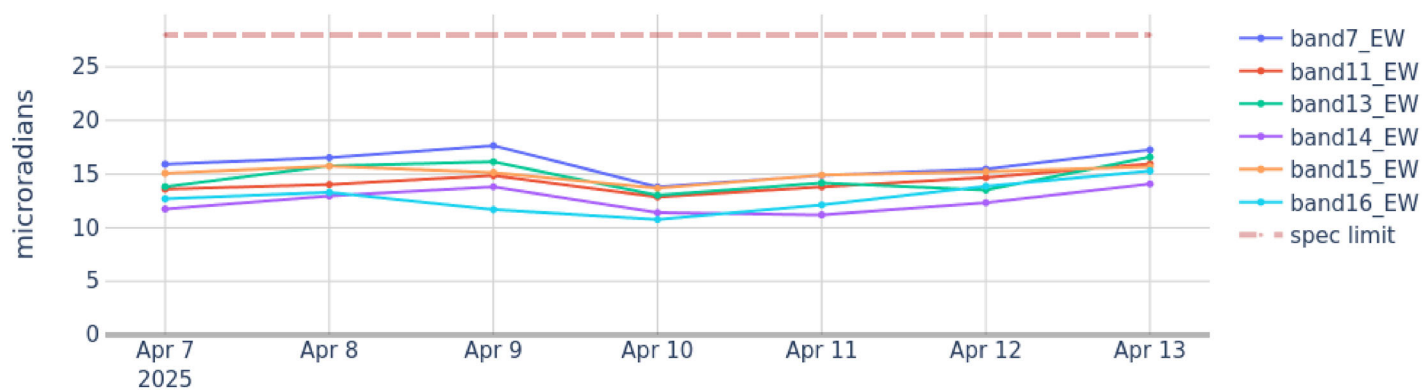
VNIR Daily ABSMEAN+3SIGMA EW

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



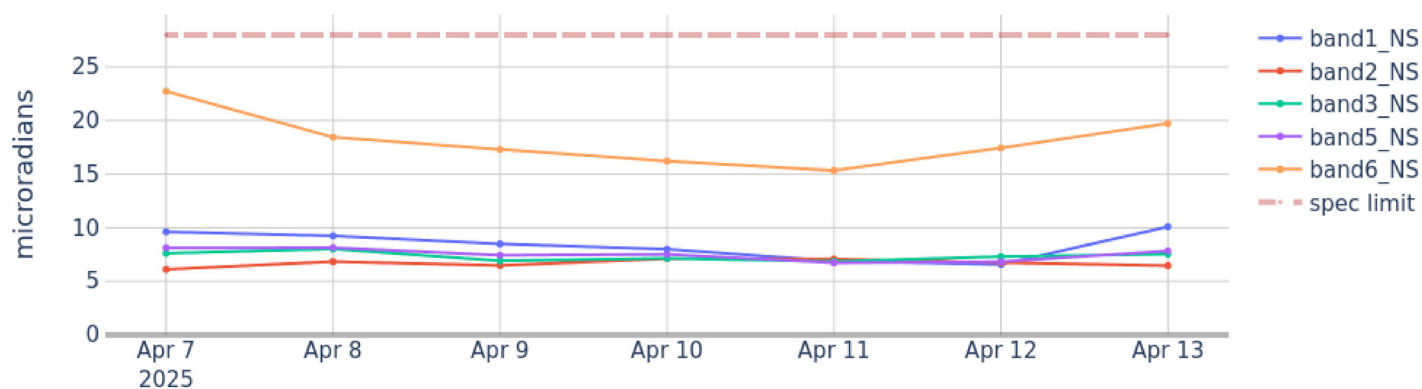
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



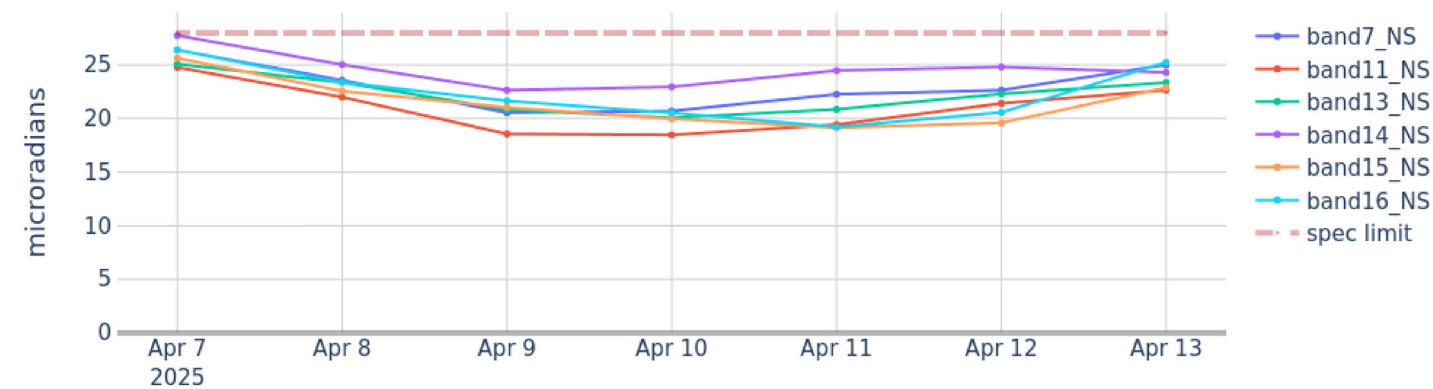
VNIR Daily ABSMEAN+3SIGMA NS

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



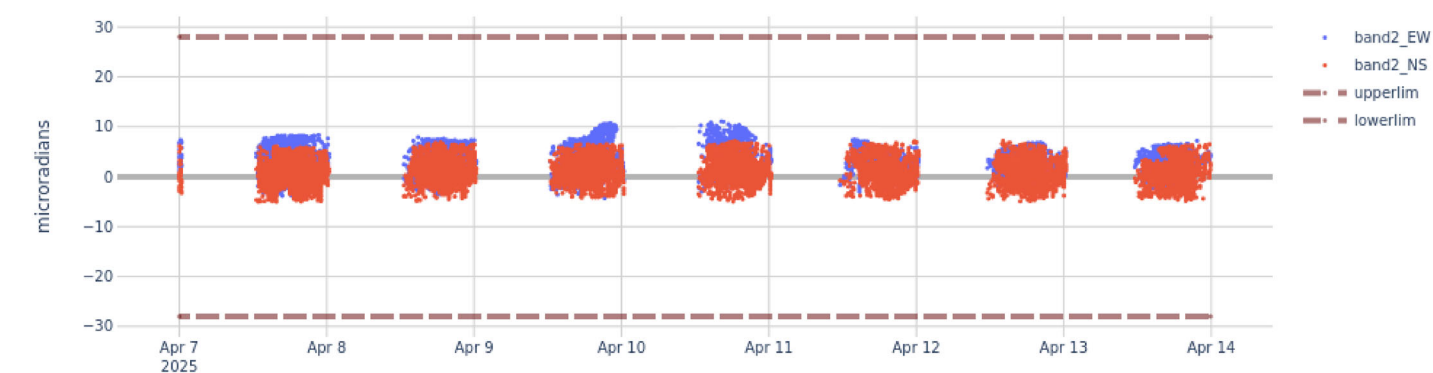
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



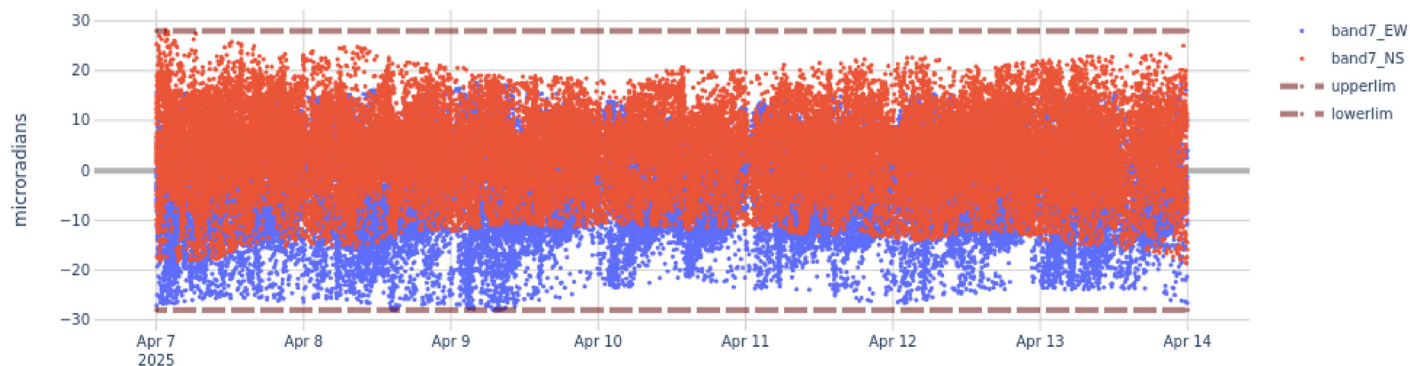
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.merged]



NAV Residuals Band:7

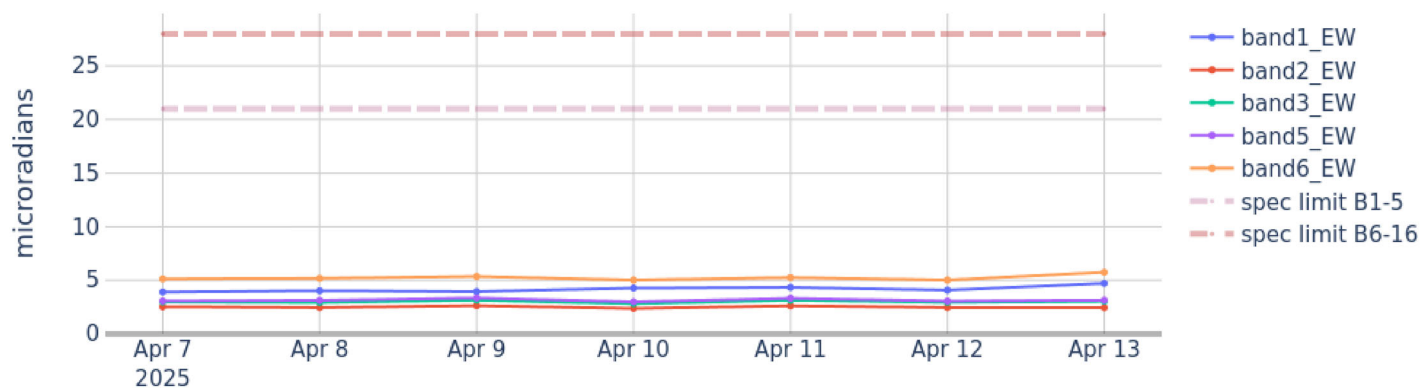
NAV Residuals plot Band:7 [INR.merged]



FFR Plots:

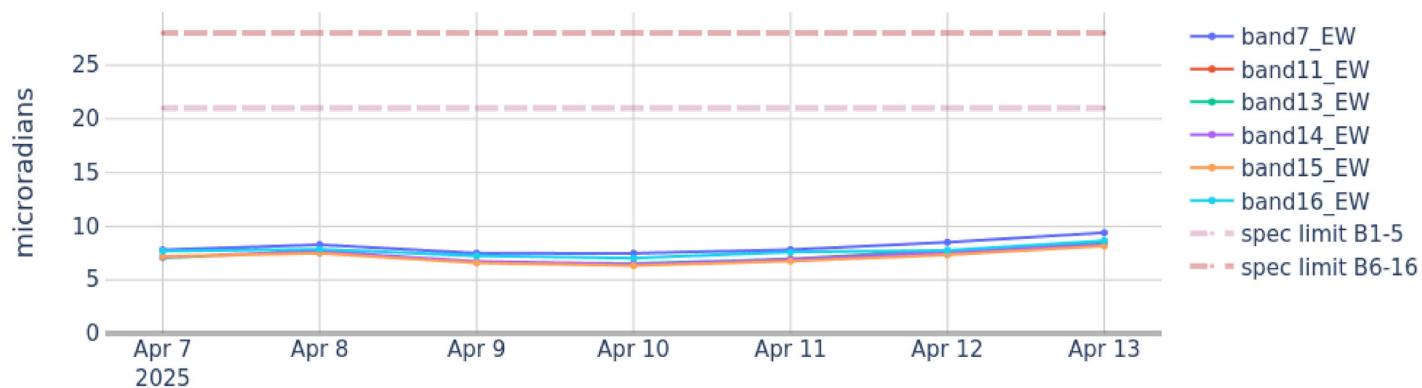
VNIR Daily ABSMEAN+3SIGMA EW

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



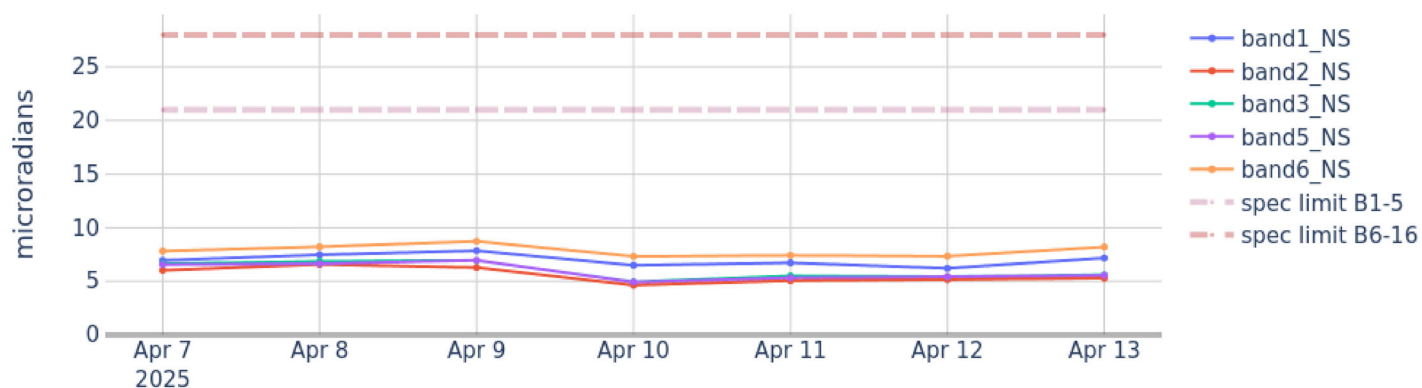
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



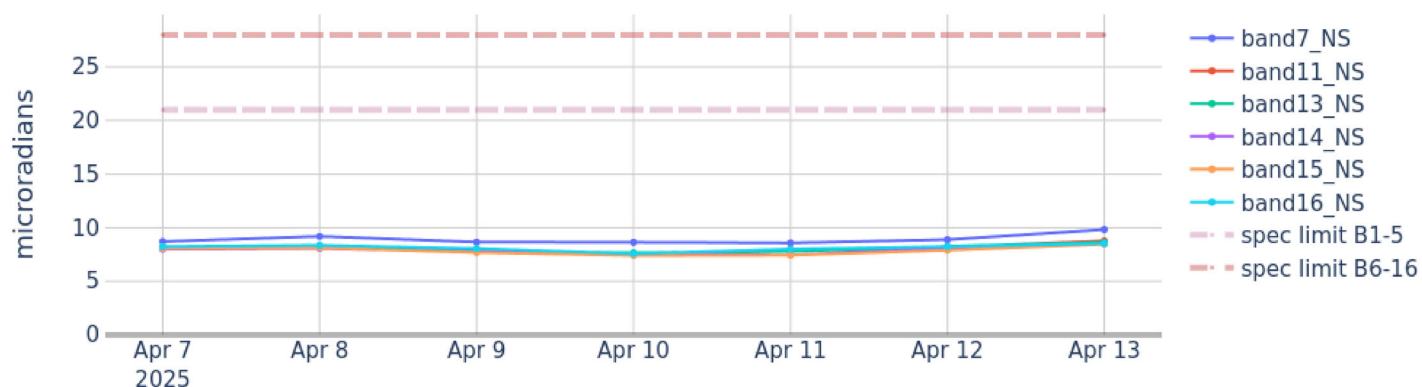
VNIR Daily ABSMEAN+3SIGMA NS

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

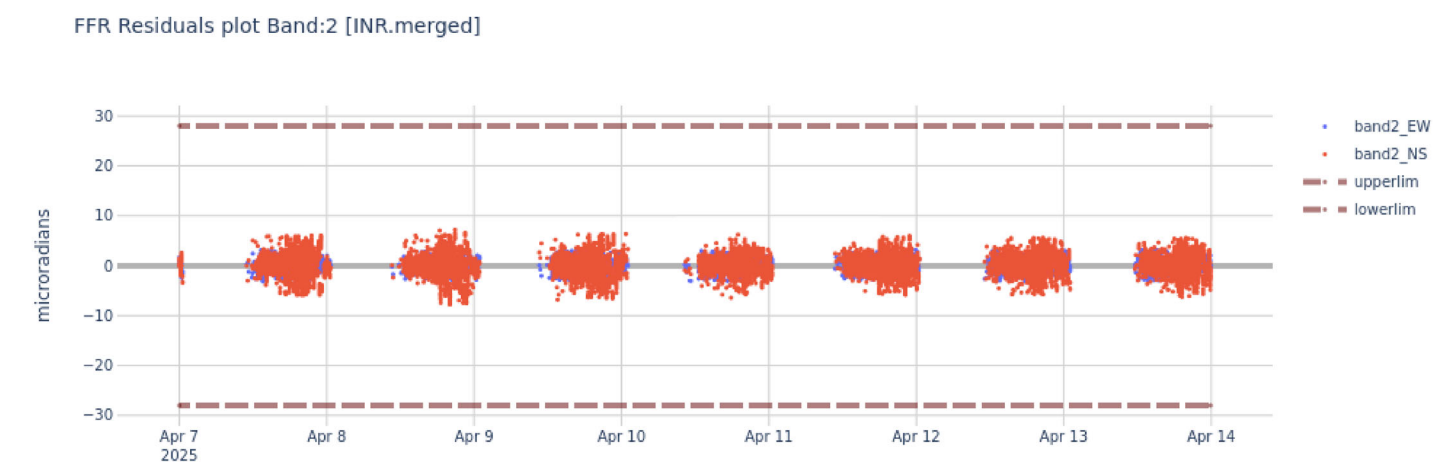


MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



FFR Residuals Band:2



FFR Residuals Band:7

