

GOES-RSTU OSPO INR Report

Report Time Range 09/29/25 to 10/06/25

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% 7774/7774	100.00% 17021/17021	100.00% 16112/16112	100.00% 15854/15854	100.00% 5659/5659
NS	100.00% 7774/7774	100.00% 17021/17021	100.00% 16112/16112	100.00% 15854/15854	99.96% 5657/5659
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% 25298/25298	100.00% 21900/21900	100.00% 25318/25318	100.00% 25946/25946	100.00% 19293/19293	100.00% 12957/12957
NS	99.89% 25271/25298	99.90% 21879/21900	99.91% 25296/25318	99.63% 25851/25946	99.94% 19281/19293	99.88% 12942/12957
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% 23921/23921	100.00% 28419/28419	100.00% 30116/30116	100.00% 30899/30899	100.00% 7799/7799
NS	100.00% 23921/23921	100.00% 28419/28419	100.00% 30116/30116	100.00% 30899/30899	100.00% 7799/7799
VNIR FFR Points Within Limits Table 3					

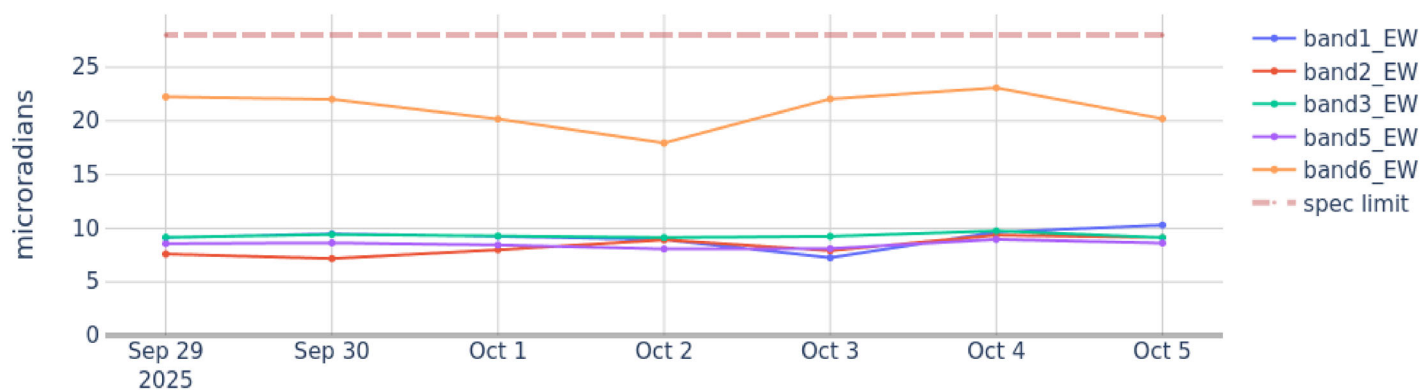
ABI MWIR/LWIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 31419/31419	100.00% 27496/27496	100.00% 31058/31058	100.00% 32447/32447	100.00% 24739/24739	100.00% 23532/23532
NS	100.00% 31419/31419	100.00% 27496/27496	100.00% 31058/31058	100.00% 32447/32447	100.00% 24739/24739	100.00% 23532/23532
MWIR/LWIR FFR Points Within Limits Table 4						

NAV Plots:

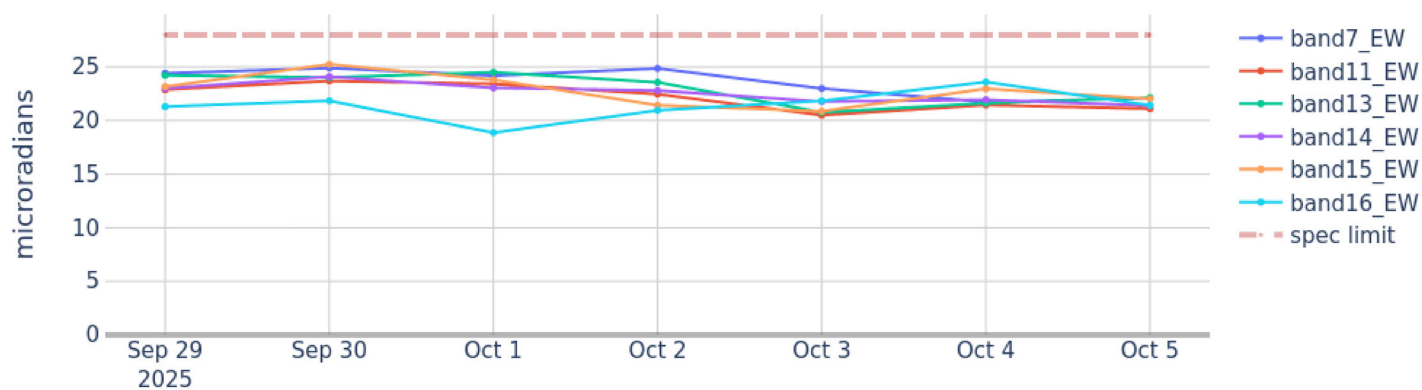
VNIR Daily ABSMEAN+3SIGMA EW

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



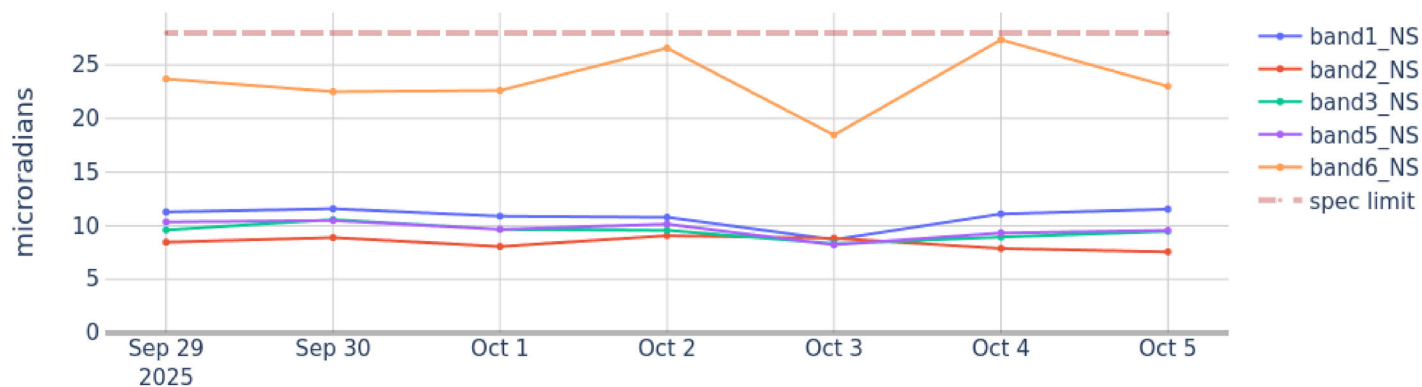
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



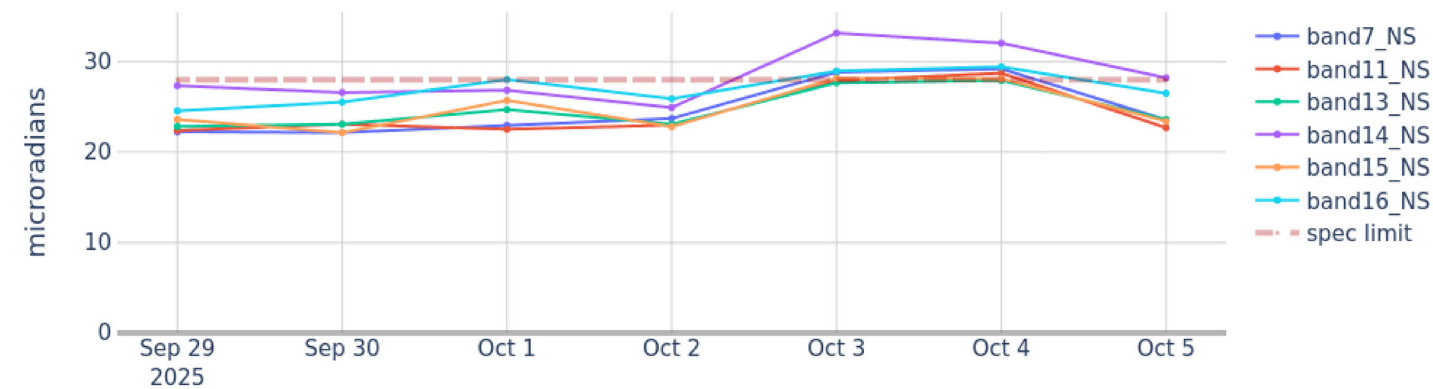
VNIR Daily ABSMEAN+3SIGMA NS

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



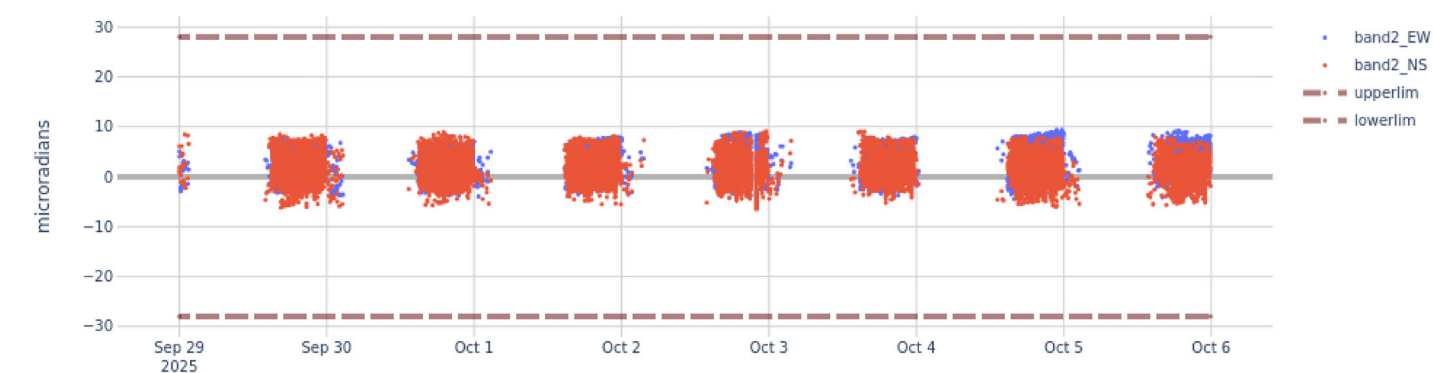
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



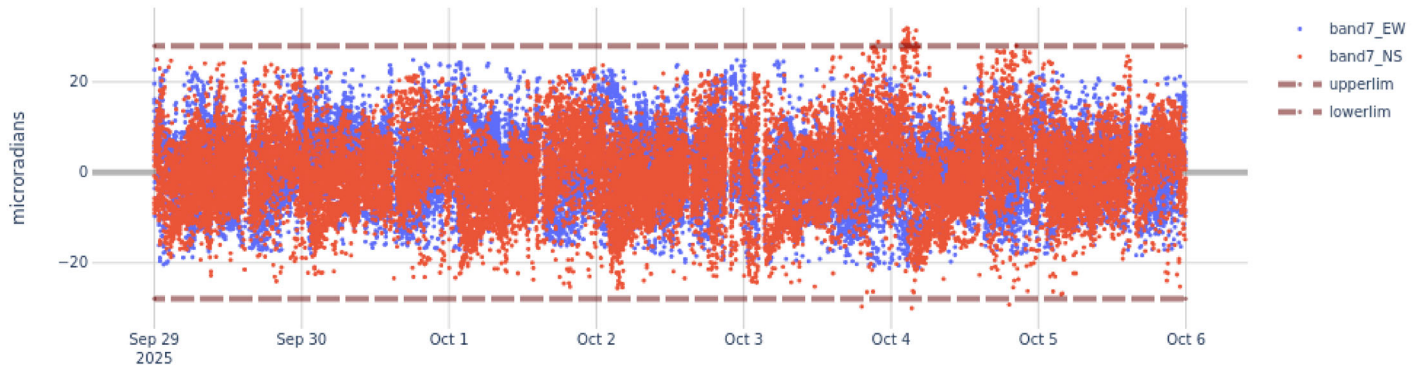
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.merged]



NAV Residuals Band:7

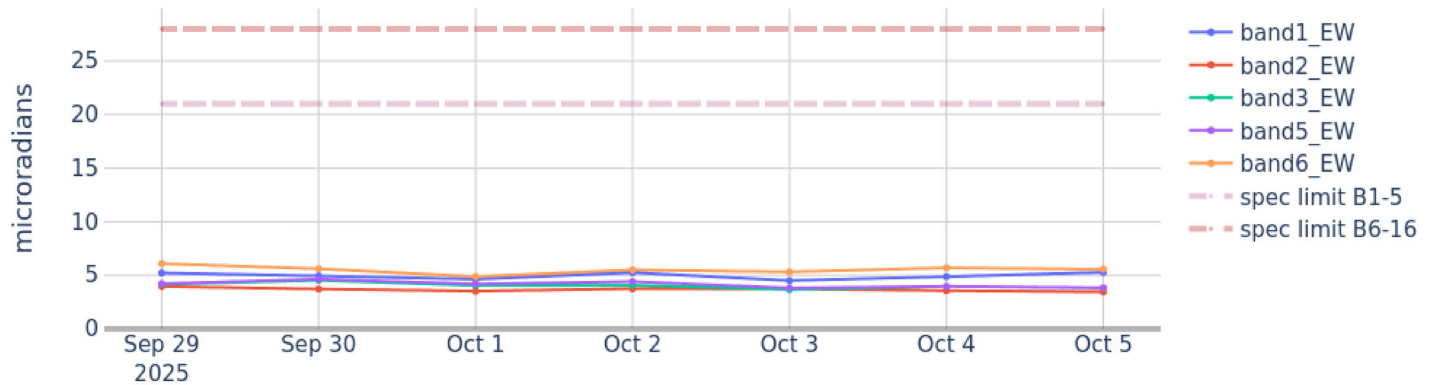
NAV Residuals plot Band:7 [INR.merged]



FFR Plots:

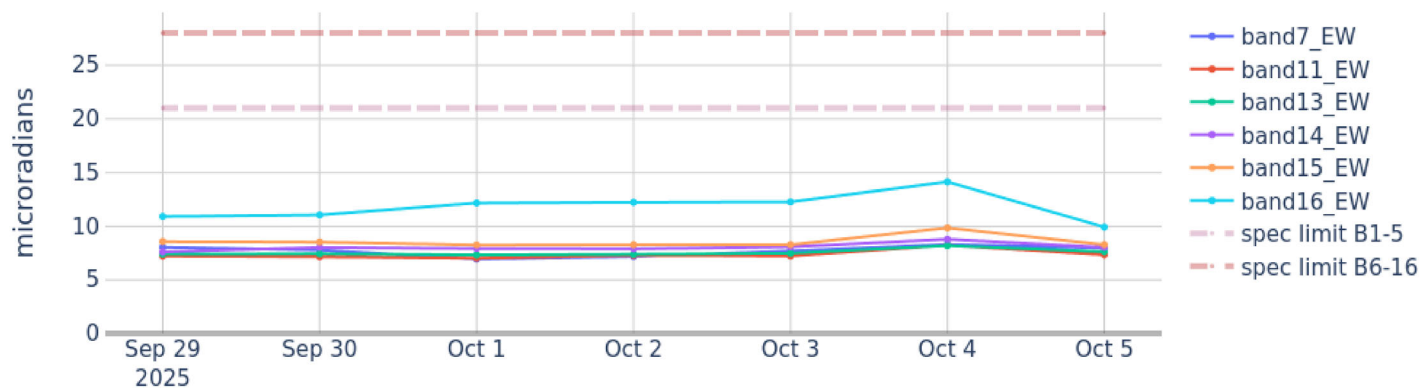
VNIR Daily ABSMEAN+3SIGMA EW

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



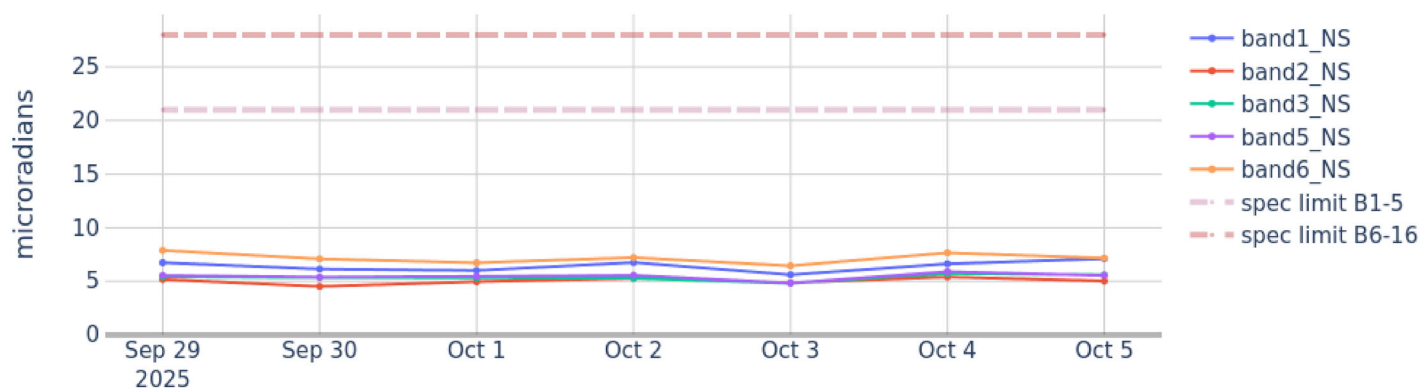
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



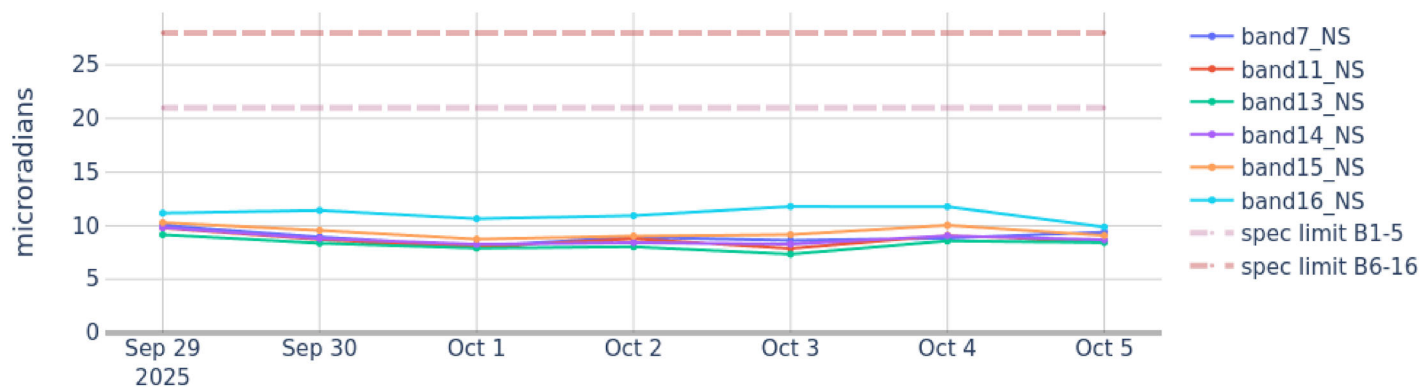
VNIR Daily ABSMEAN+3SIGMA NS

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

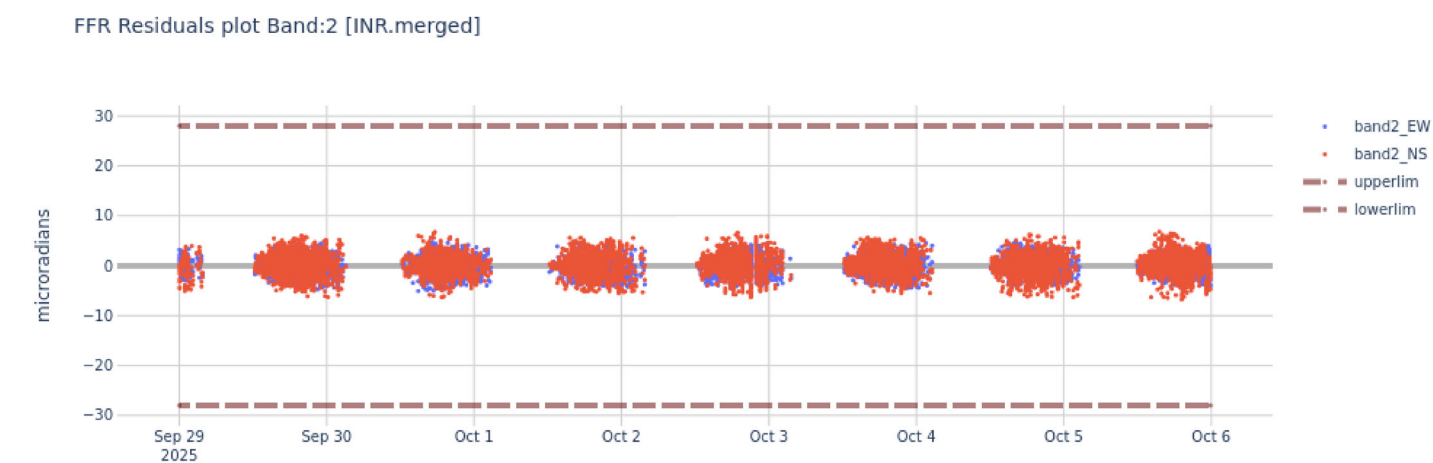


MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



FFR Residuals Band:2



FFR Residuals Band:7

