

GOES-RSTU OSPO INR Report

Report Time Range 09/09/24 to 09/18/24

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% 10681/10681	100.00% 17706/17706	100.00% 17037/17037	100.00% 16684/16684	99.97% 5825/5827
NS	100.00% 10681/10681	100.00% 17706/17706	100.00% 17037/17037	100.00% 16684/16684	99.97% 5825/5827

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	99.13% 23693/23901	99.53% 18494/18582	99.29% 22006/22164	99.08% 20556/20747	99.62% 14210/14264	98.58% 8723/8849
NS	99.82% 23857/23901	99.94% 18571/18582	99.78% 22116/22164	99.88% 20722/20747	99.99% 14263/14264	99.90% 8840/8849

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% 29312/29312	100.00% 31487/31487	100.00% 36265/36265	100.00% 38289/38289	100.00% 9656/9656
NS	100.00% 29312/29312	100.00% 31487/31487	100.00% 36265/36265	100.00% 38289/38289	100.00% 9656/9656

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)

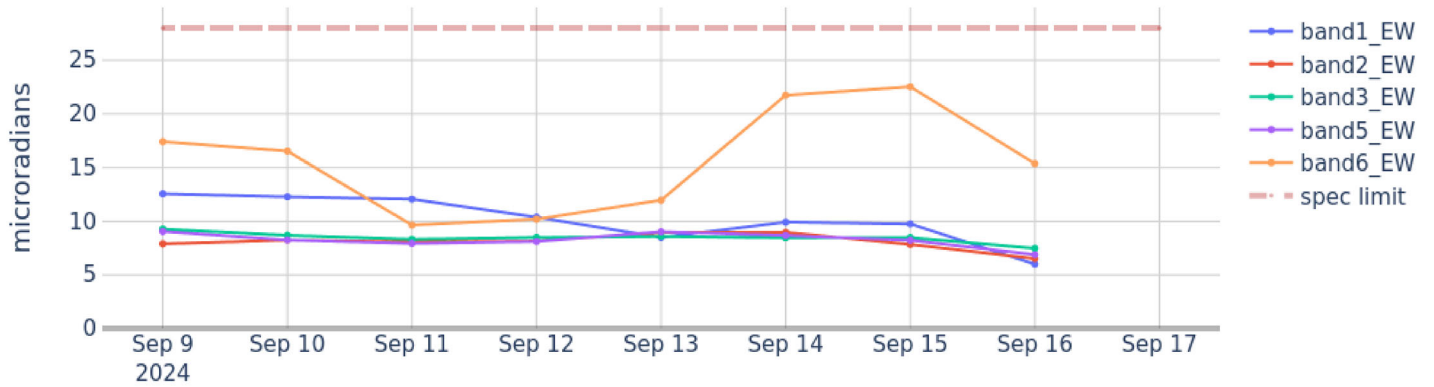
BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 34293/34293	100.00% 29129/29129	100.00% 33369/33369	100.00% 33591/33591	100.00% 25913/25913	100.00% 23090/23090
NS	100.00% 34293/34293	100.00% 29129/29129	100.00% 33369/33369	100.00% 33591/33591	100.00% 25913/25913	100.00% 23090/23090

MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

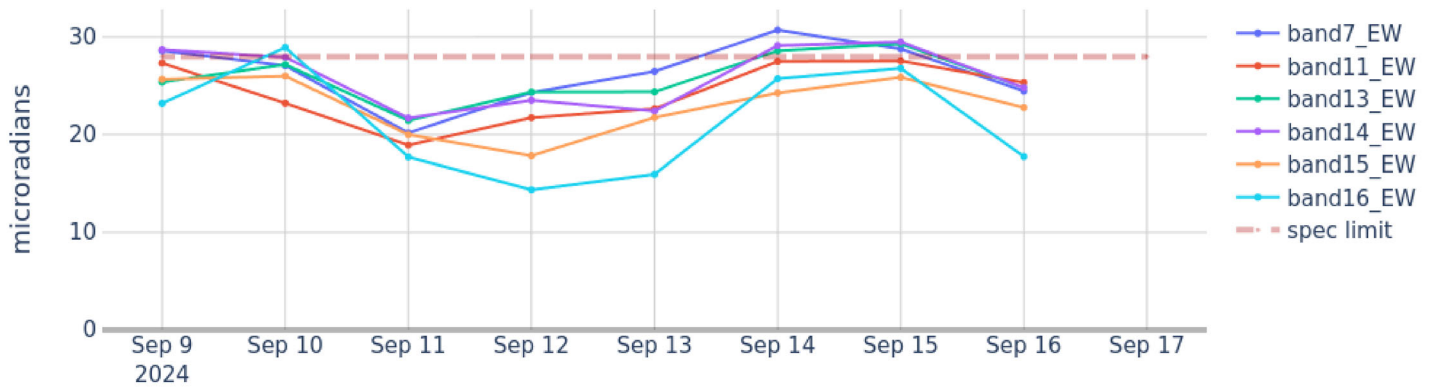
VNIR Daily ABSMEAN+3SIGMA EW

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



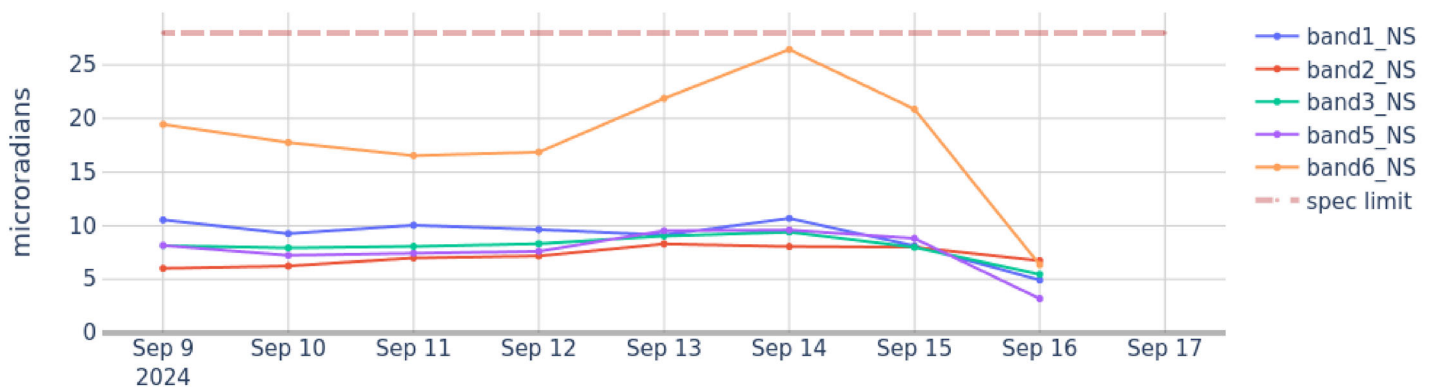
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



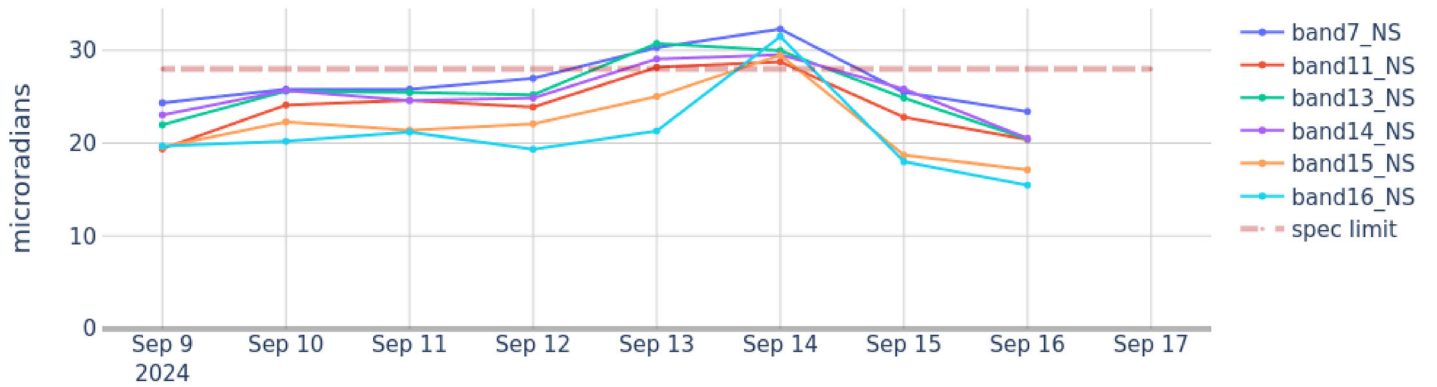
VNIR Daily ABSMEAN+3SIGMA NS

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



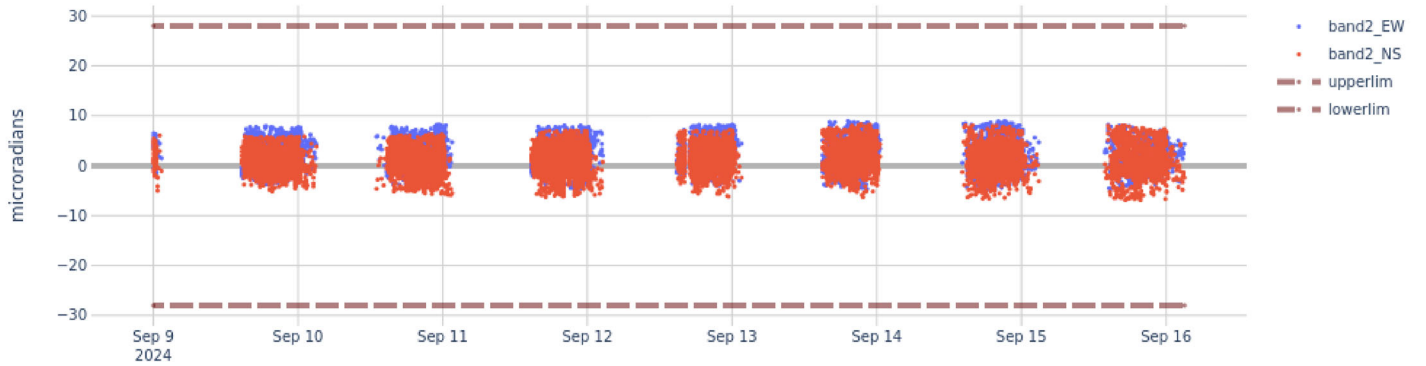
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



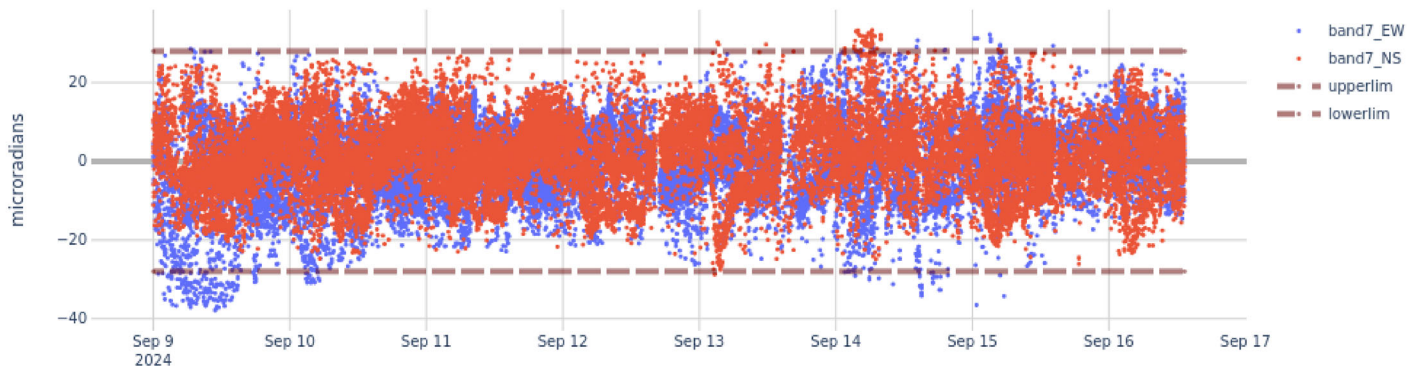
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.WCDAS]



NAV Residuals Band:7

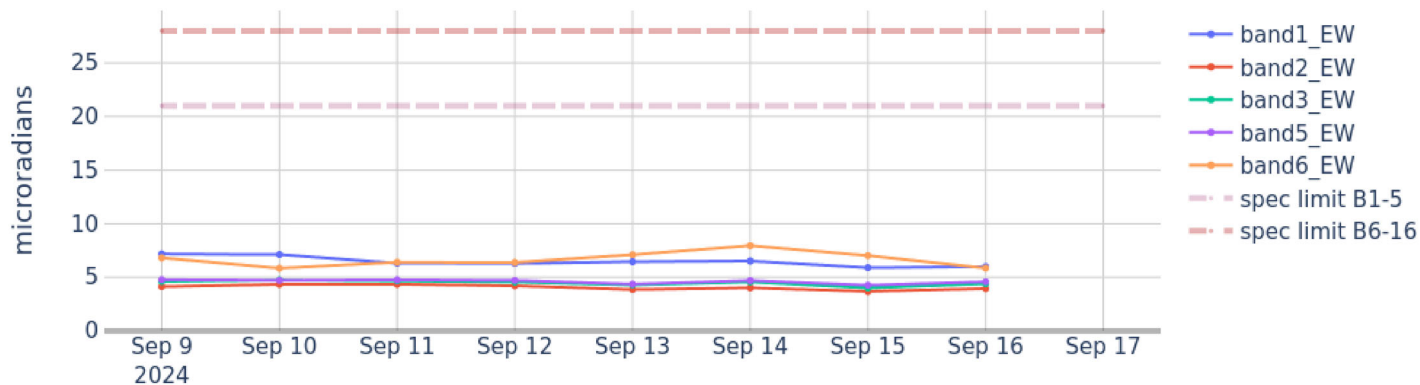
NAV Residuals plot Band:7 [INR.WCDAS]



FFR Plots:

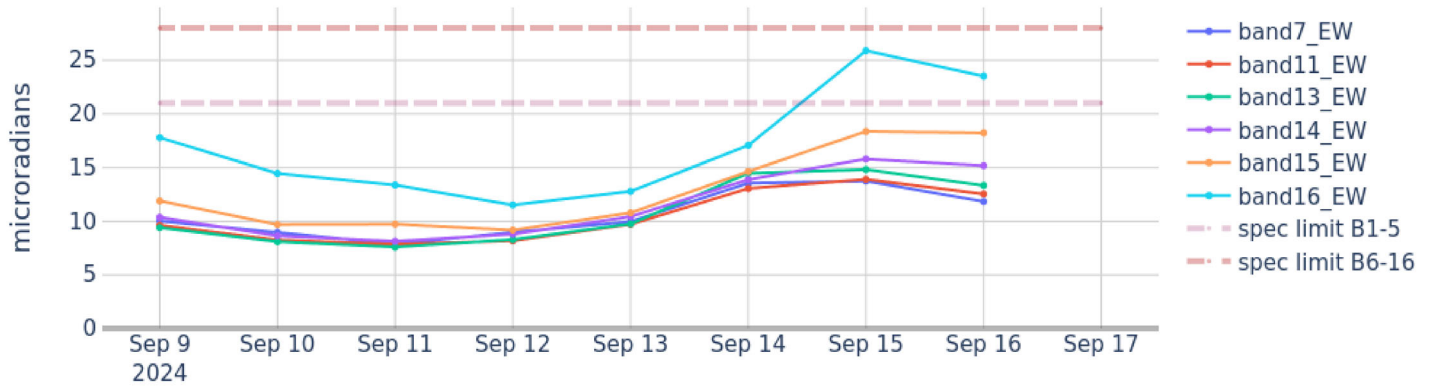
VNIR Daily ABSMEAN+3SIGMA EW

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



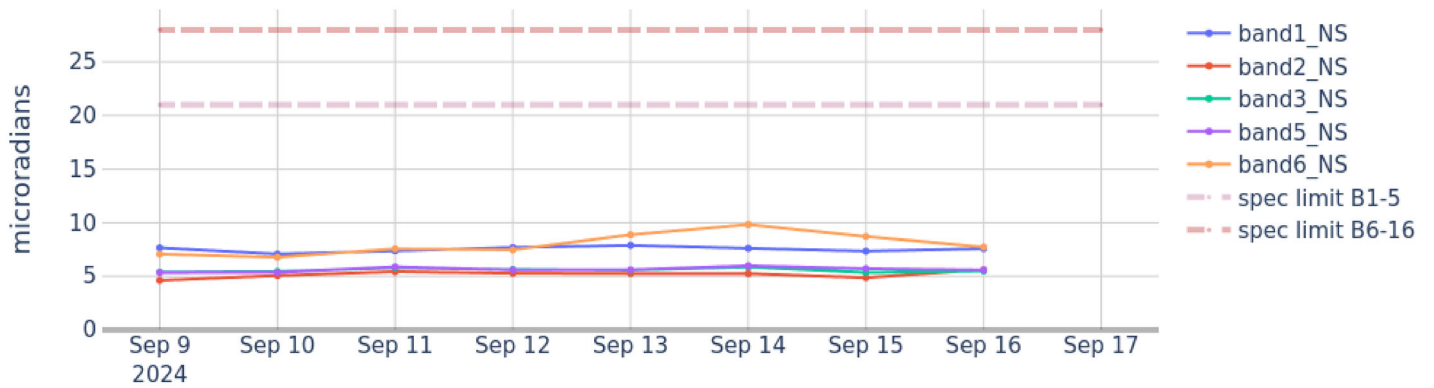
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



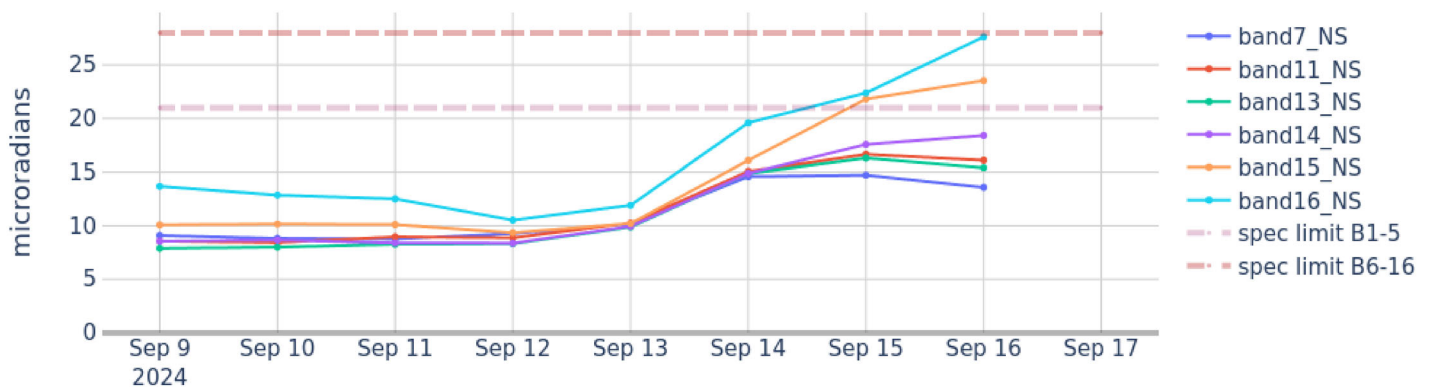
VNIR Daily ABSMEAN+3SIGMA NS

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



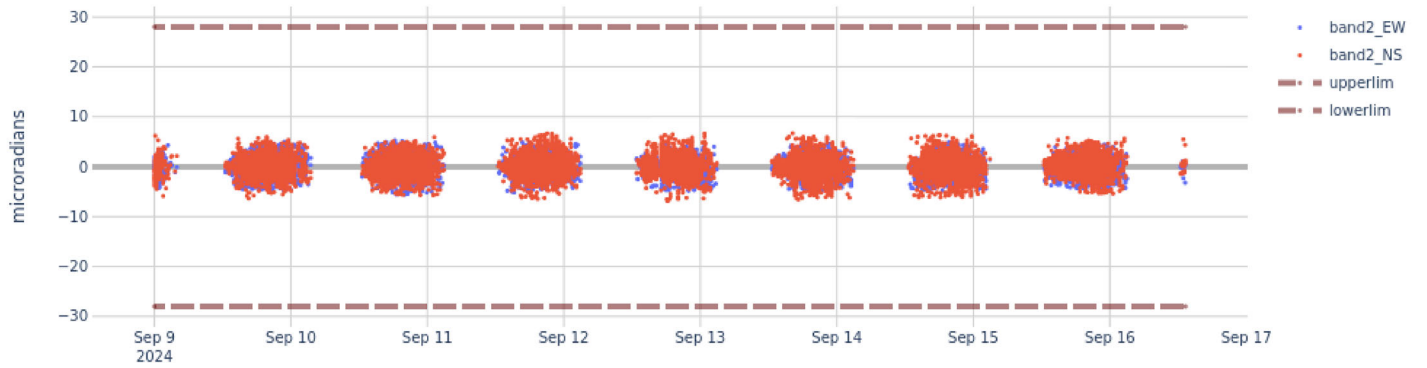
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



FFR Residuals Band:2

FFR Residuals plot Band:2 [INR.WCDAS]



FFR Residuals Band:7

FFR Residuals plot Band:7 [INR.WCDAS]

