

GOES-RSTU OSPO INR Report

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

Satellite ID: GOES - 16

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% 15472/15472	100.00% 24282/24282	100.00% 26130/26130	100.00% 26297/26297	100.00% 12480/12480
NS	100.00% 15472/15472	100.00% 24282/24282	100.00% 26130/26130	100.00% 26297/26297	100.00% 12480/12480

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% 36592/36592	100.00% 33707/33707	100.00% 34237/34237	100.00% 29757/29757	100.00% 23321/23321	99.83% 16367/16395
NS	100.00% 36592/36592	100.00% 33707/33707	100.00% 34237/34237	100.00% 29757/29757	100.00% 23321/23321	100.00% 16395/16395

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% 37961/37961	100.00% 40585/40585	100.00% 46152/46152	100.00% 48407/48407	100.00% 25585/25585
NS	100.00% 37961/37961	100.00% 40585/40585	100.00% 46152/46152	100.00% 48407/48407	100.00% 25585/25585

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)

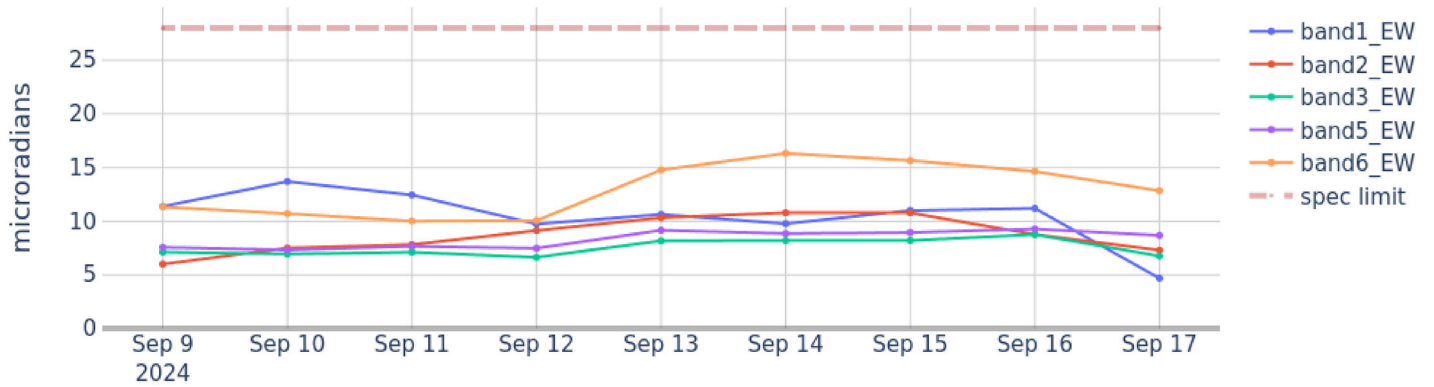
BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 54018/54018	100.00% 54985/54985	100.00% 53481/53481	100.00% 48316/48316	100.00% 41370/41370	100.00% 41480/41480
NS	100.00% 54018/54018	100.00% 54985/54985	100.00% 53481/53481	100.00% 48316/48316	100.00% 41370/41370	100.00% 41480/41480

MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

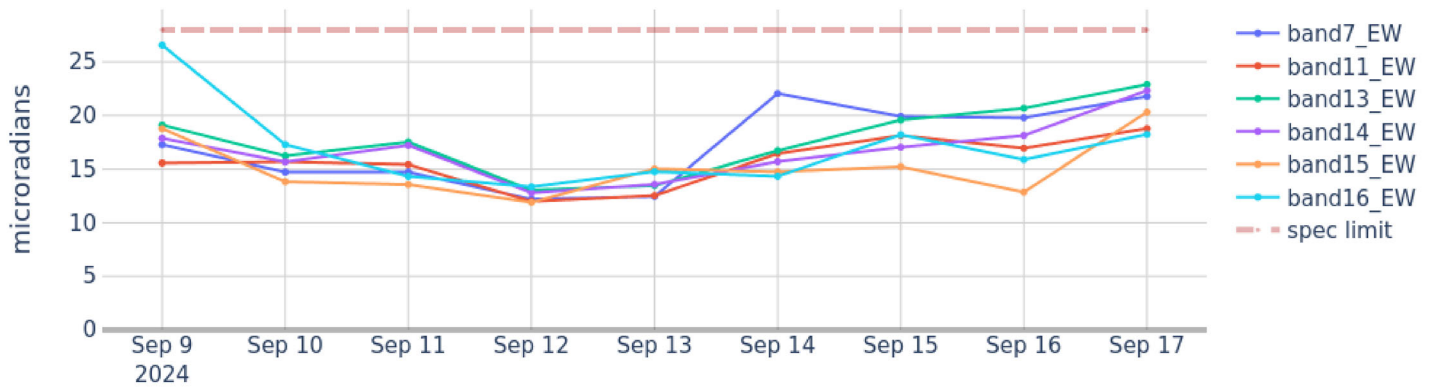
VNIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (WCDAS) G16



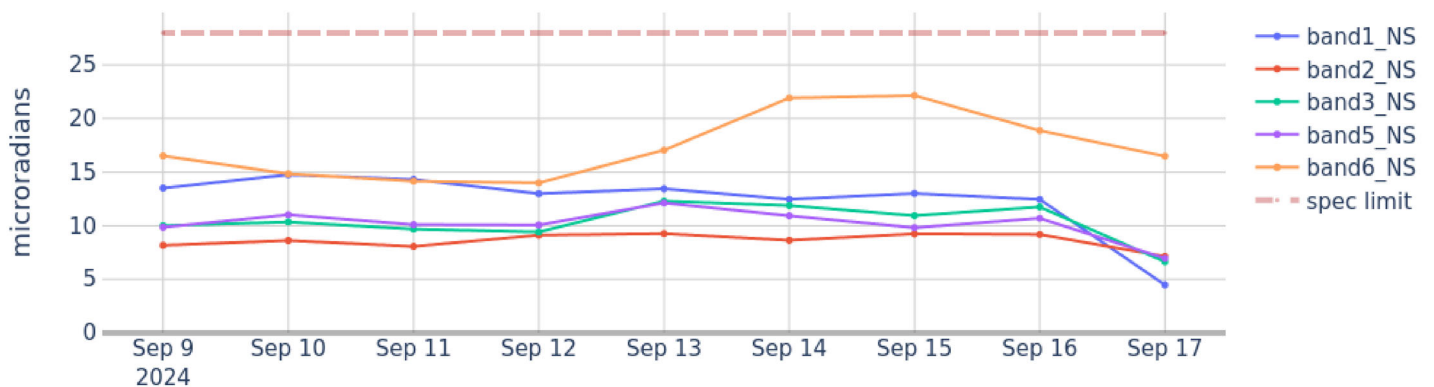
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (WCDAS) G16



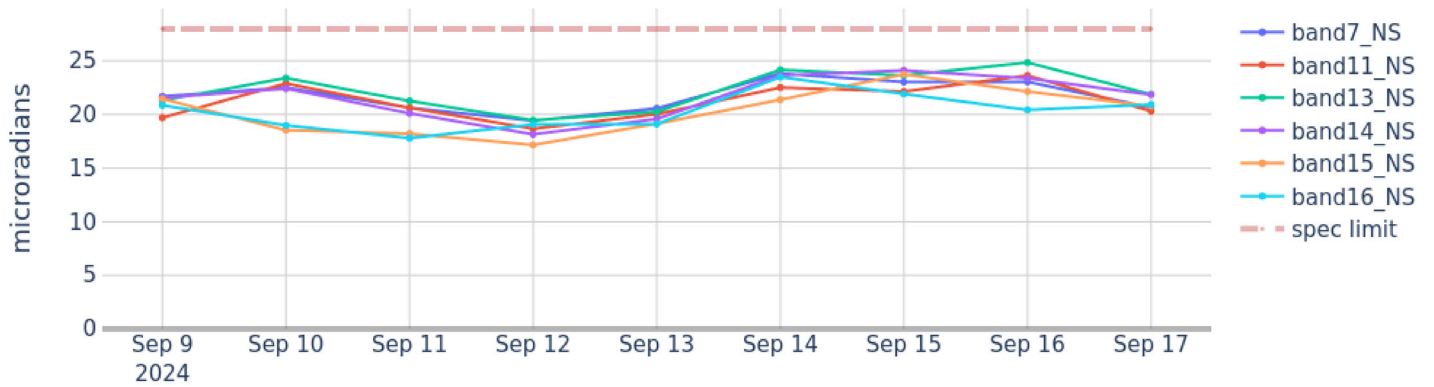
VNIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (WCDAS) G16



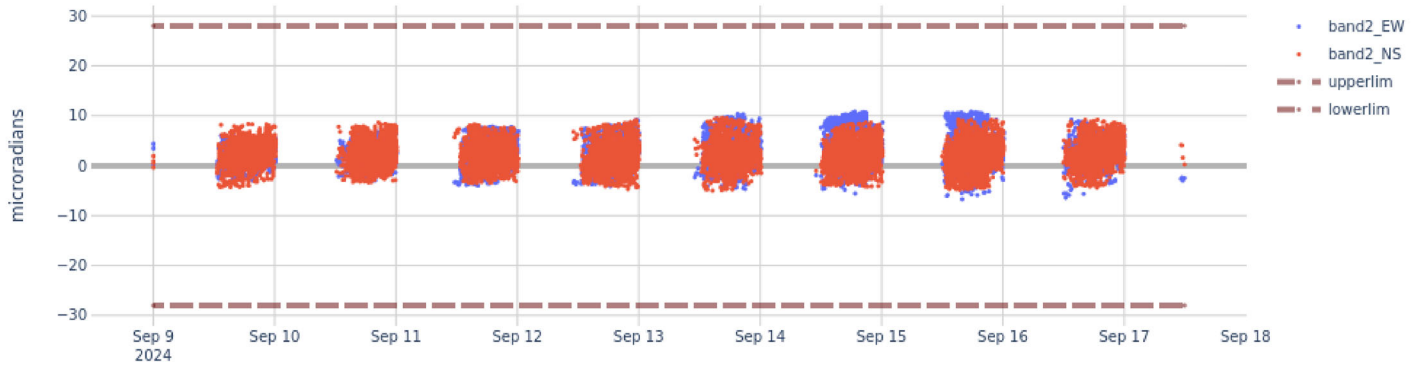
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (WCDAS) G16



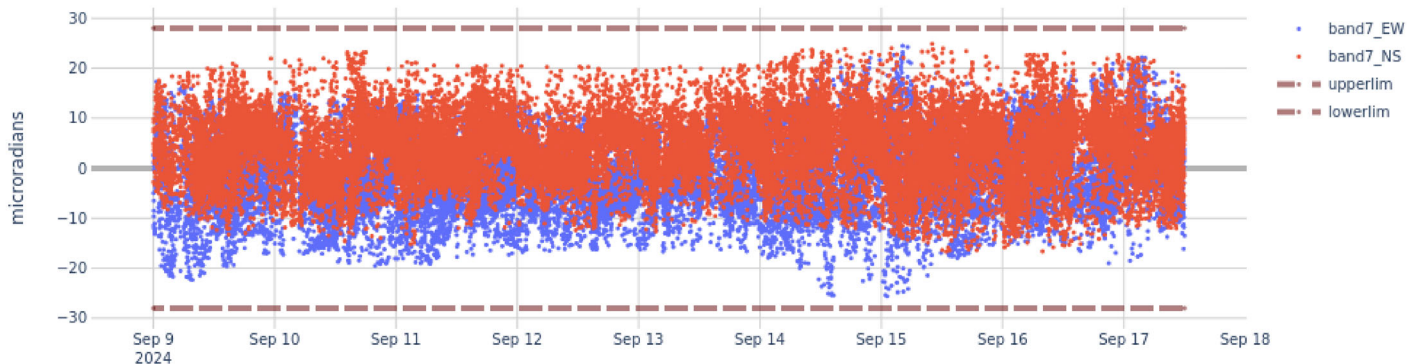
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.WCDAS]



NAV Residuals Band:7

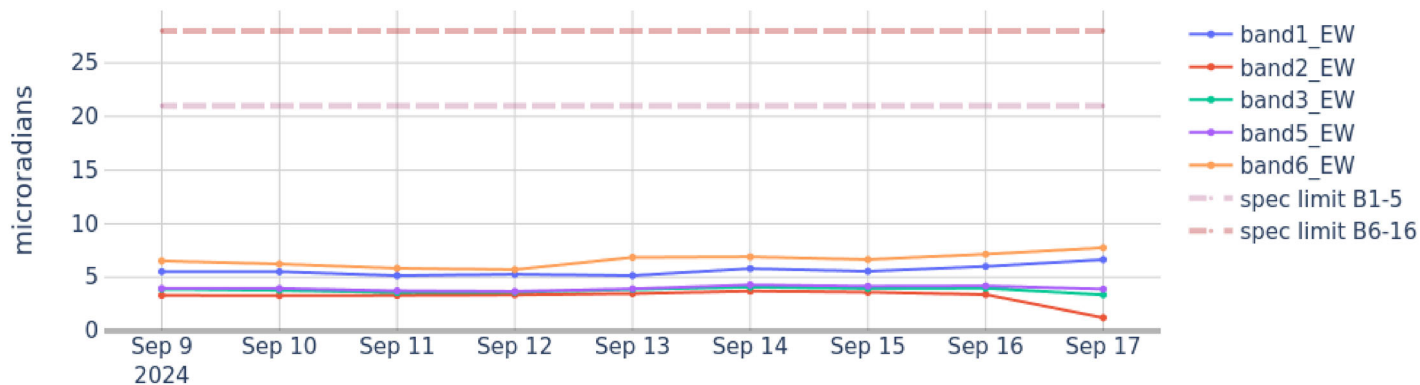
NAV Residuals plot Band:7 [INR.WCDAS]



FFR Plots:

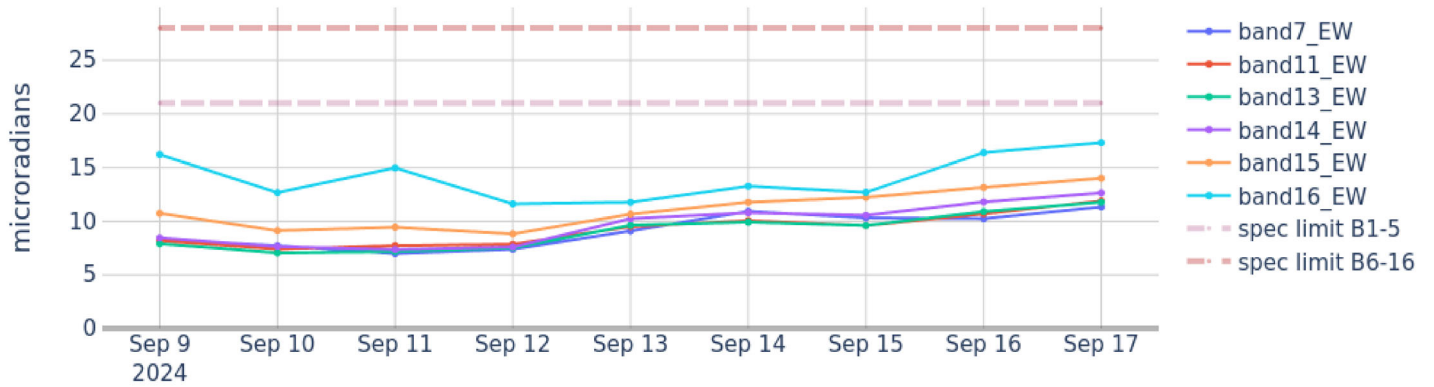
VNIR Daily ABSMEAN+3SIGMA EW

ABI FD EW FFR Daily ABSMEAN+3SIGMA (WCDAS) G16



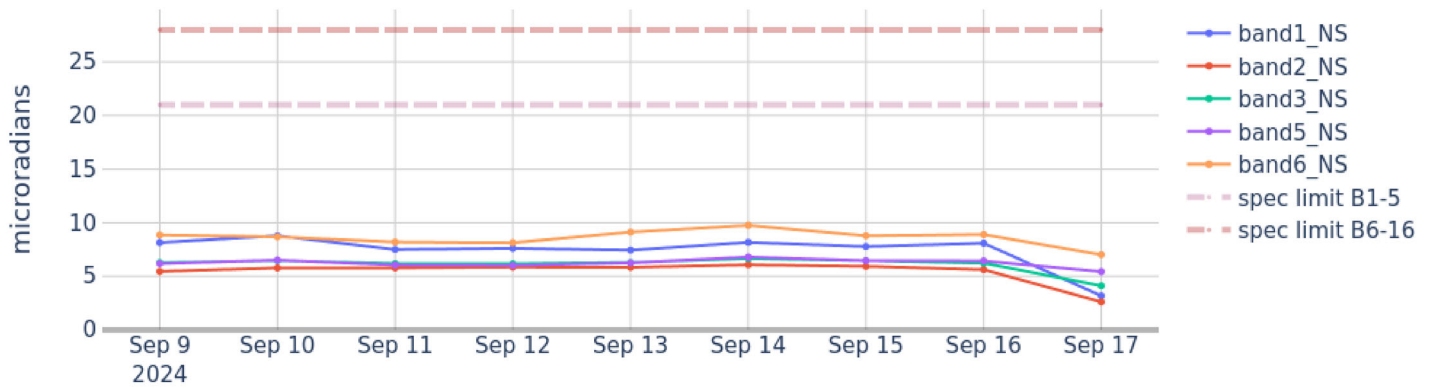
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

ABI FD EW FFR Daily ABSMEAN+3SIGMA (WCDAS) G16



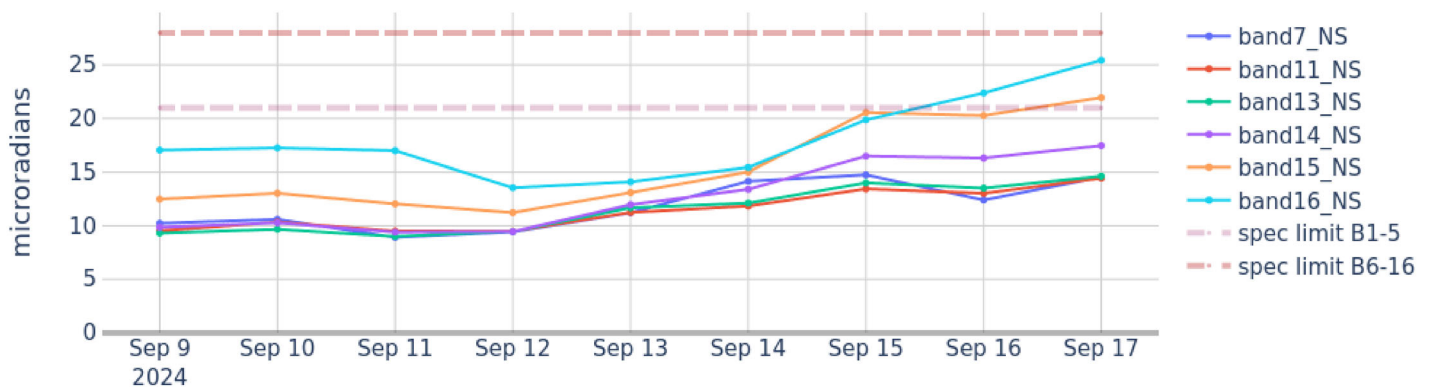
VNIR Daily ABSMEAN+3SIGMA NS

ABI FD NS FFR Daily ABSMEAN+3SIGMA (WCDAS) G16



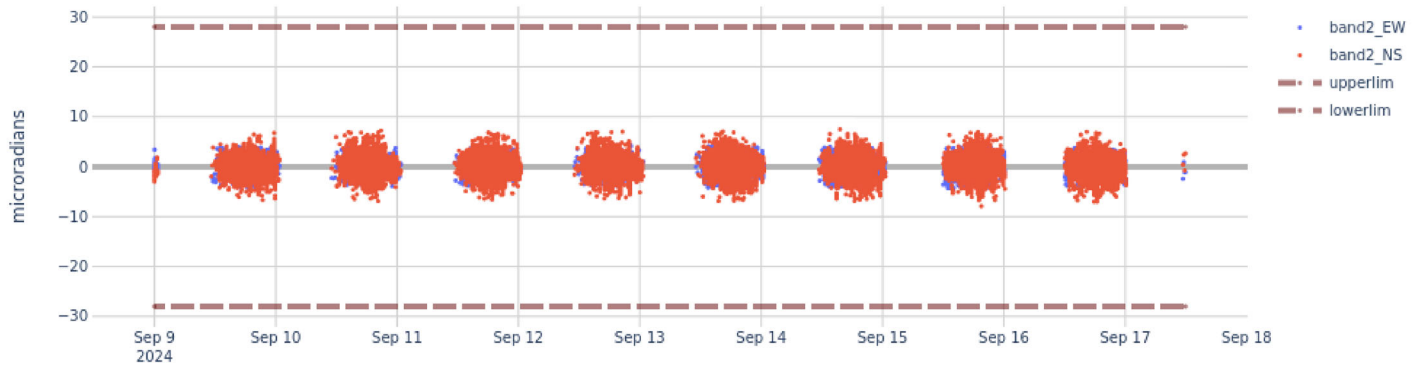
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

ABI FD NS FFR Daily ABSMEAN+3SIGMA (WCDAS) G16



FFR Residuals Band:2

FFR Residuals plot Band:2 [INR.WCDAS]



FFR Residuals Band:7

FFR Residuals plot Band:7 [INR.WCDAS]

