

# GOES-RSTU OSPO INR Report

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

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% 15003/15003	100.00% 25684/25684	100.00% 26919/26919	100.00% 27262/27262	99.98% 14682/14685
NS	100.00% 15003/15003	100.00% 25684/25684	100.00% 26919/26919	100.00% 27262/27262	100.00% 14685/14685

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	99.97% 35074/35084	99.97% 35652/35661	99.99% 34633/34636	99.99% 29577/29581	100.00% 23596/23596	99.99% 19190/19191
NS	100.00% 35084/35084	99.99% 35658/35661	99.99% 34633/34636	100.00% 29581/29581	100.00% 23596/23596	100.00% 19191/19191

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% 33152/33152	100.00% 38461/38461	100.00% 41995/41995	100.00% 43197/43197	100.00% 22546/22546
NS	100.00% 33152/33152	100.00% 38461/38461	100.00% 41995/41995	100.00% 43197/43197	100.00% 22546/22546

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% 46061/46061	100.00% 46742/46742	100.00% 43721/43721	100.00% 36545/36545	100.00% 30685/30685	100.00% 28401/28401
NS	100.00% 46061/46061	100.00% 46742/46742	100.00% 43721/43721	100.00% 36545/36545	100.00% 30685/30685	100.00% 28401/28401

MWIR/LWIR FFR Points Within Limits Table 4

## NAV Plots:

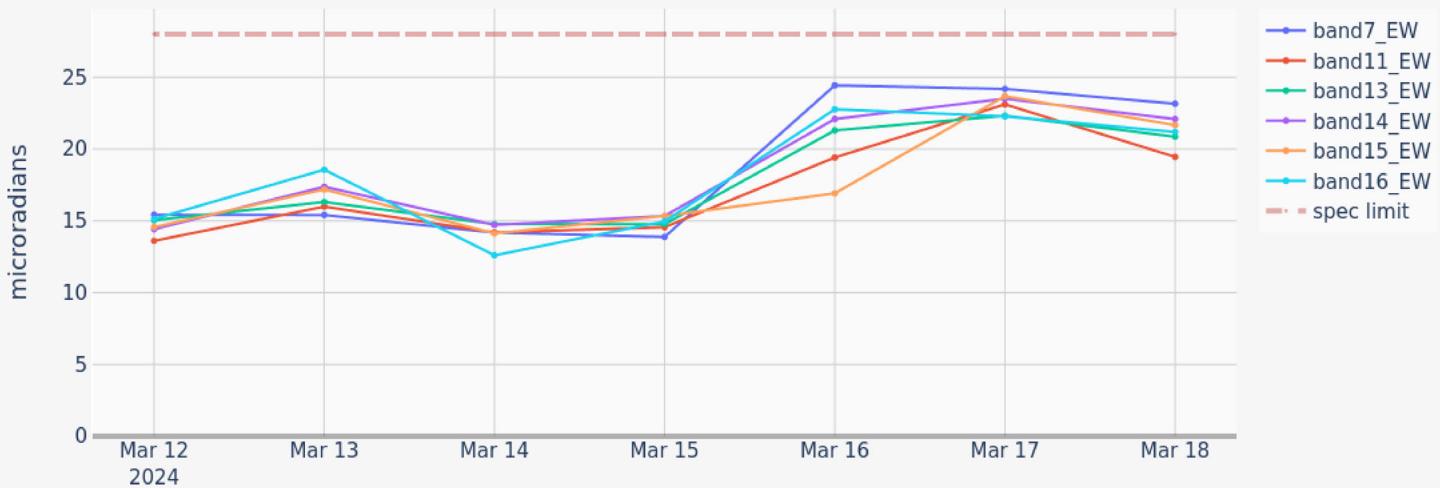
VNIR Daily ABSMEAN+3SIGMA EW

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



### MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



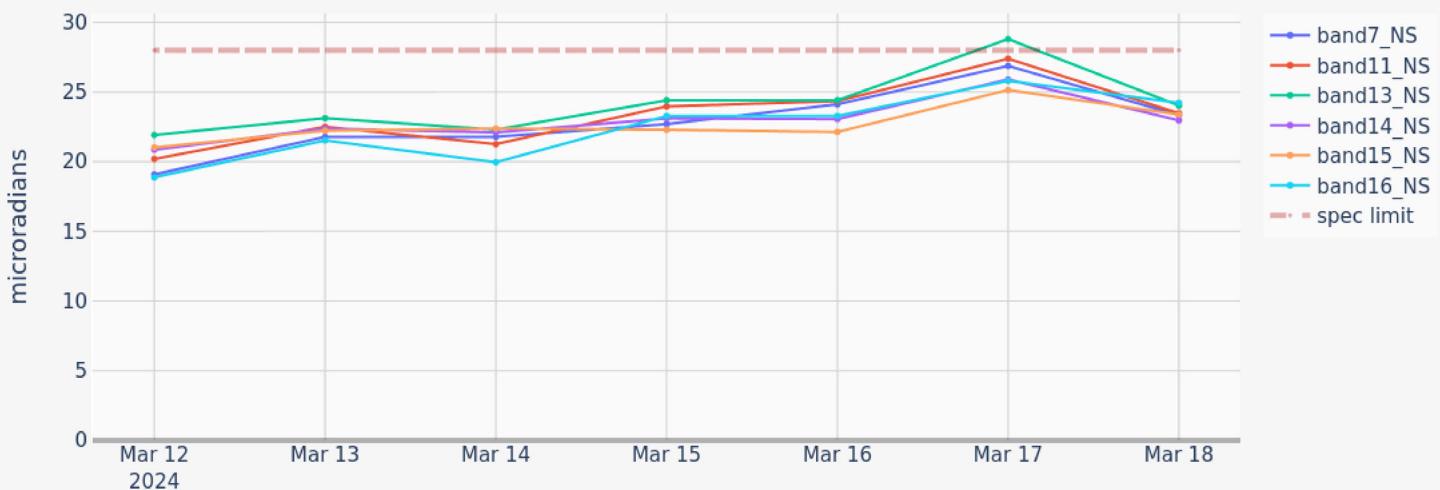
### VNIR Daily ABSMEAN+3SIGMA NS

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



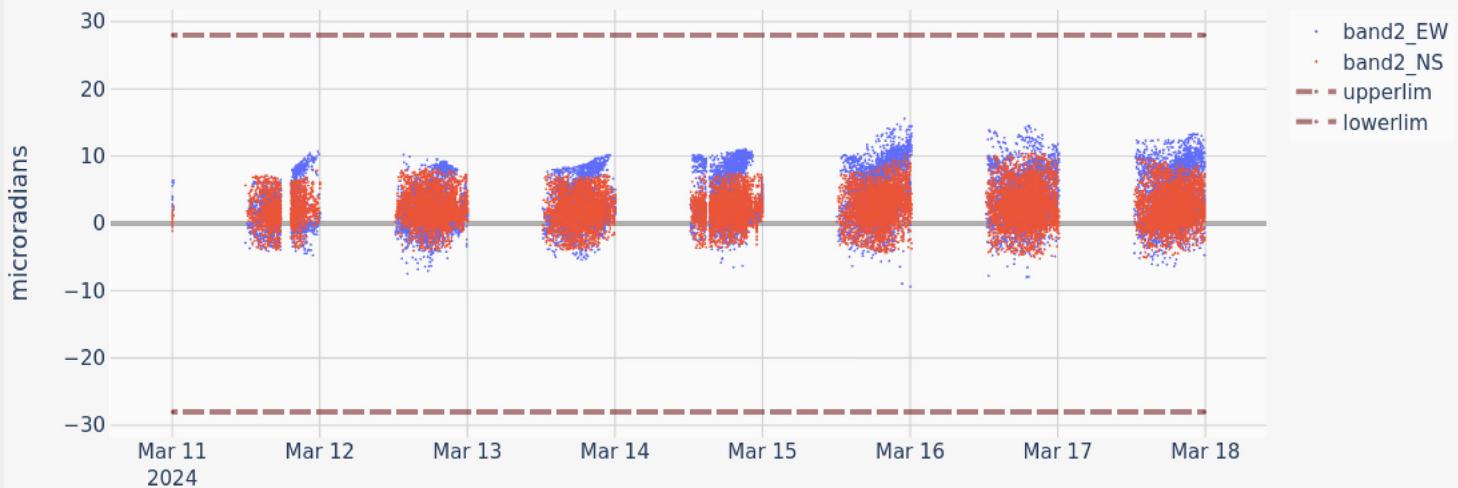
## MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



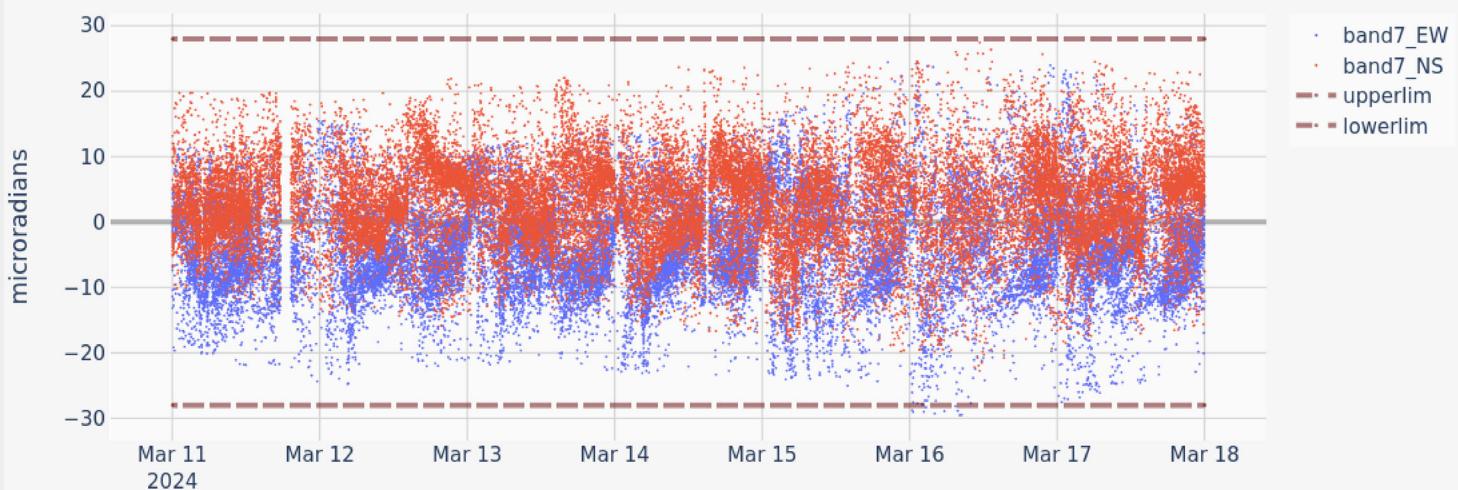
## NAV Residuals Band:2

### NAV Residuals plot Band:2 [INR.WCDAS]



### NAV Residuals Band:7

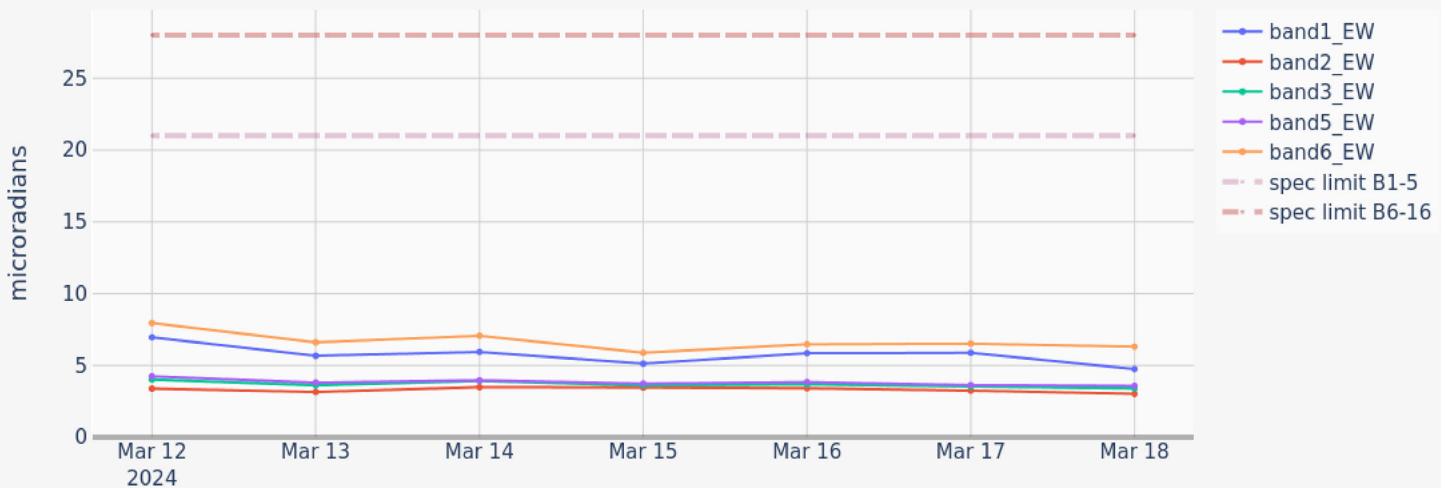
#### NAV Residuals plot Band:7 [INR.WCDAS]



### FFR Plots:

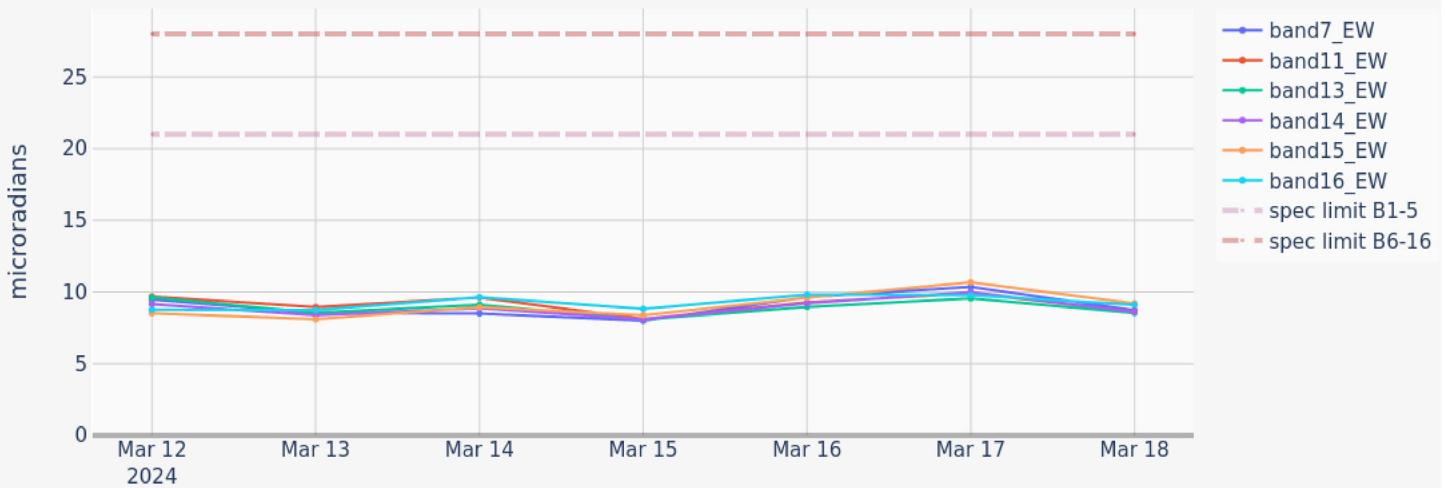
VNIR Daily ABSMEAN+3SIGMA EW

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



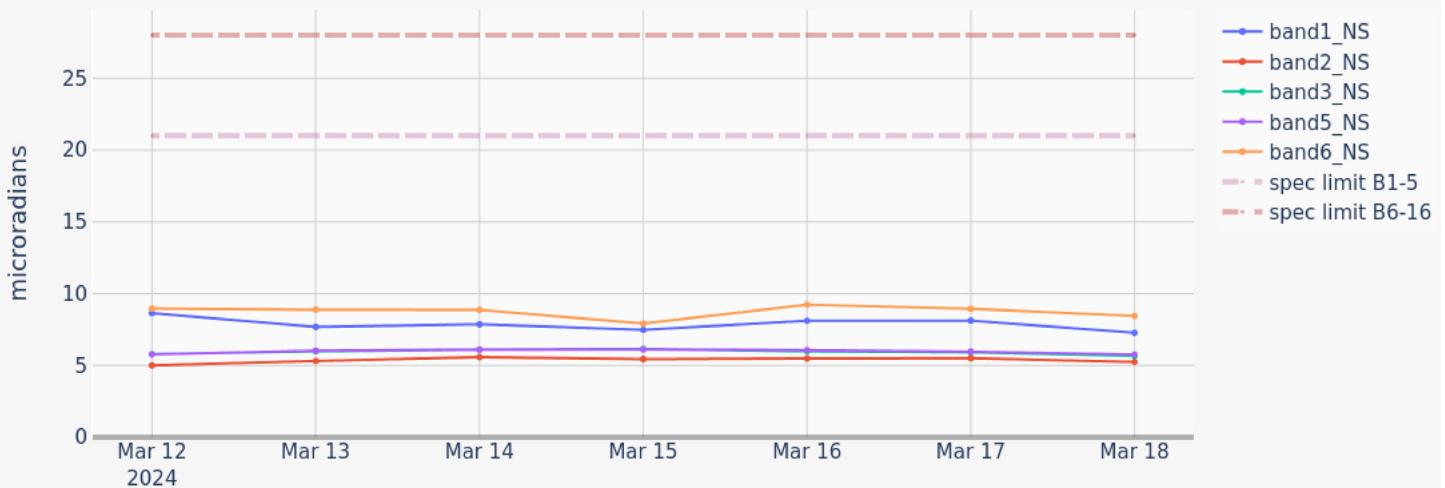
### MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



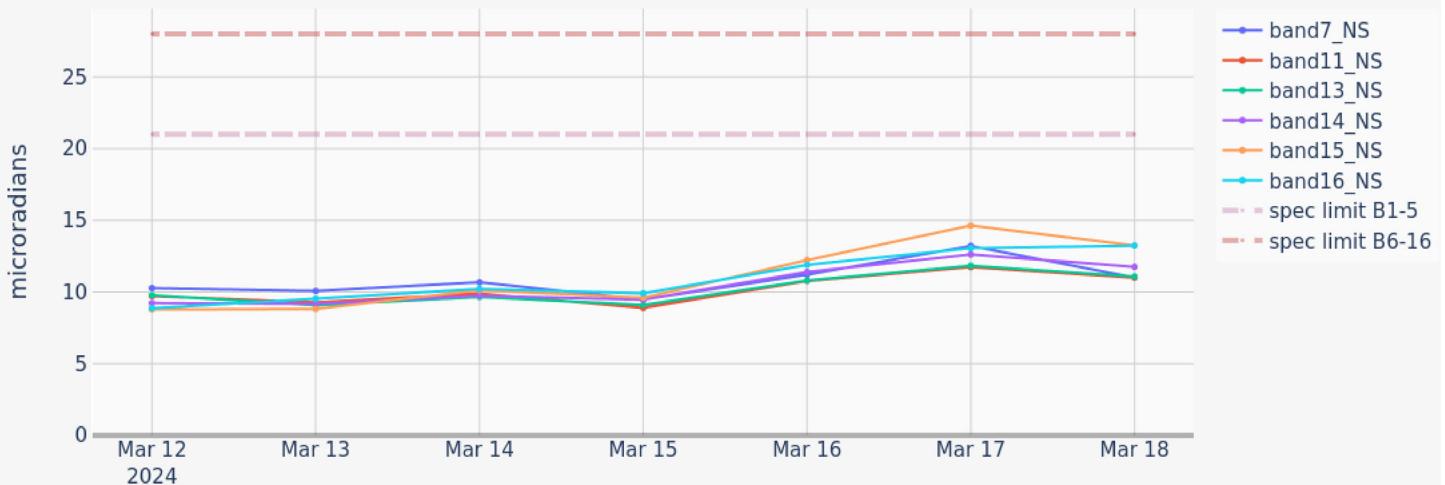
### VNIR Daily ABSMEAN+3SIGMA NS

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



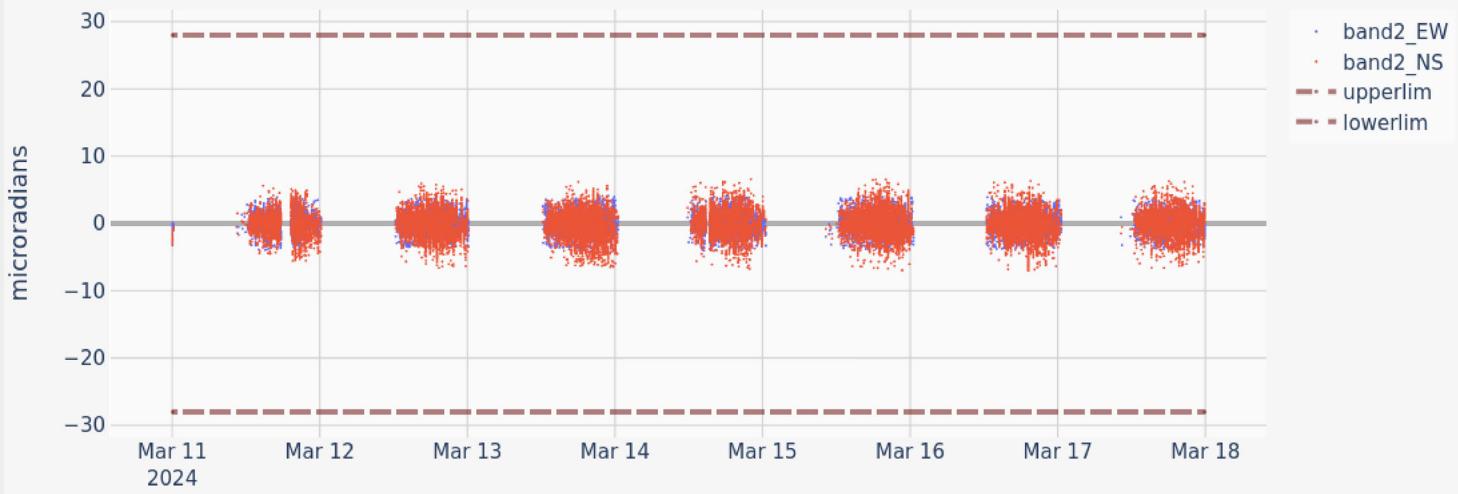
## MWIR/LWIR Daily ABSMEAN+3SIGMA NS

### 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]

