

GOES-RSTU OSPO INR Report

Report Time Range 04/08/24 to 04/15/24

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% 18305/18305	100.00% 25885/25885	100.00% 27370/27370	100.00% 28068/28068	100.00% 14082/14082
NS	100.00% 18305/18305	100.00% 25885/25885	100.00% 27370/27370	100.00% 28068/28068	100.00% 14082/14082

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% 33127/33127	100.00% 31477/31477	100.00% 29749/29749	100.00% 26928/26928	100.00% 21472/21472	100.00% 17039/17039
NS	100.00% 33127/33127	100.00% 31477/31477	100.00% 29749/29749	100.00% 26928/26928	100.00% 21472/21472	100.00% 17039/17039

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% 34213/34213	100.00% 38549/38549	100.00% 43913/43913	100.00% 45352/45352	100.00% 22876/22876
NS	100.00% 34213/34213	100.00% 38549/38549	100.00% 43913/43913	100.00% 45352/45352	100.00% 22876/22876

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)

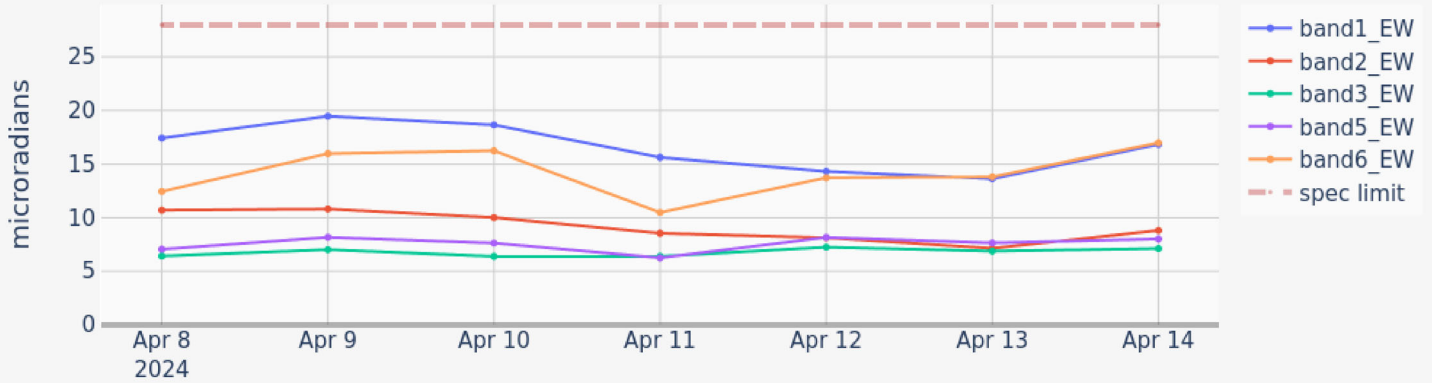
BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 47761/47761	100.00% 46859/46859	100.00% 42639/42639	100.00% 38017/38017	100.00% 30775/30775	100.00% 28592/28592
NS	100.00% 47761/47761	100.00% 46859/46859	100.00% 42639/42639	100.00% 38017/38017	100.00% 30775/30775	100.00% 28592/28592

MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

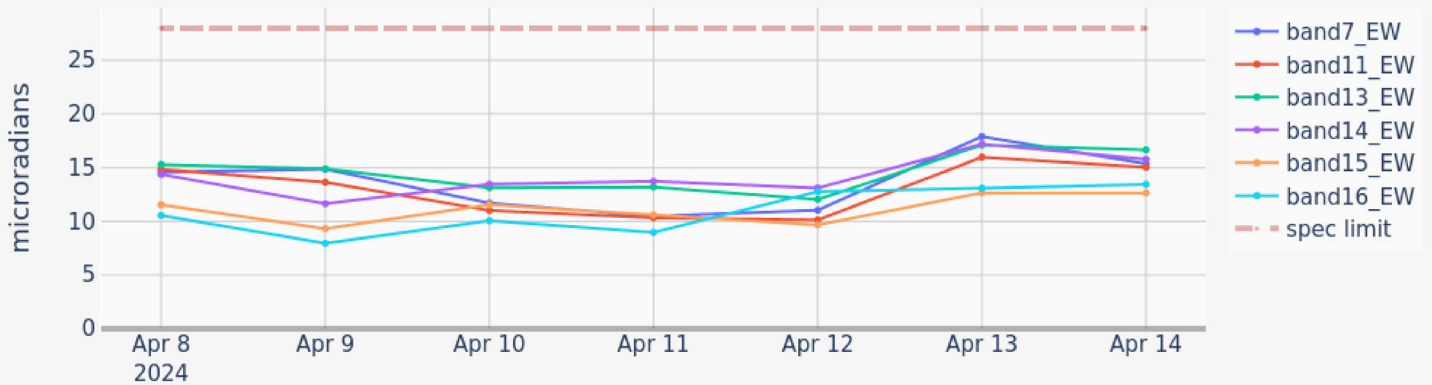
VNIR Daily ABSMEAN+3SIGMA EW

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



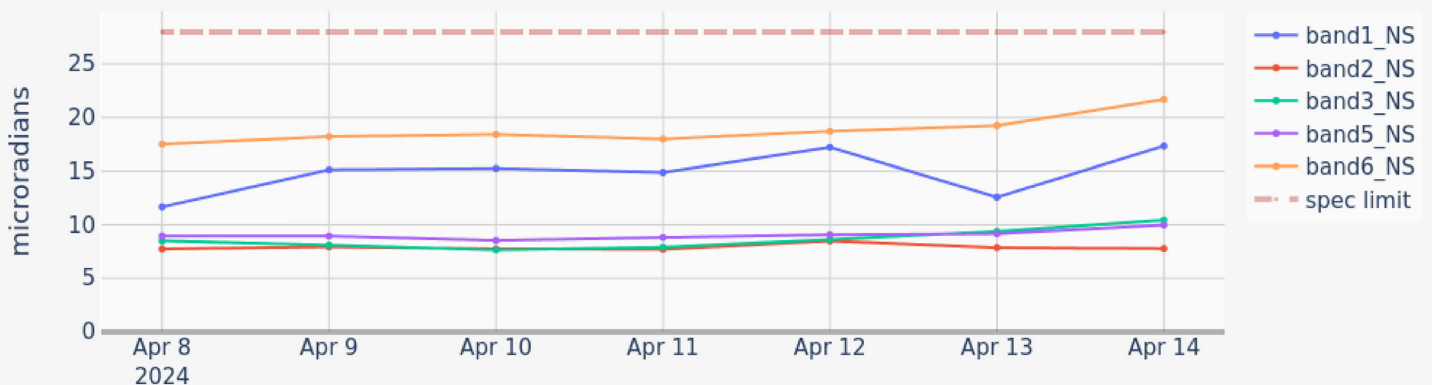
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



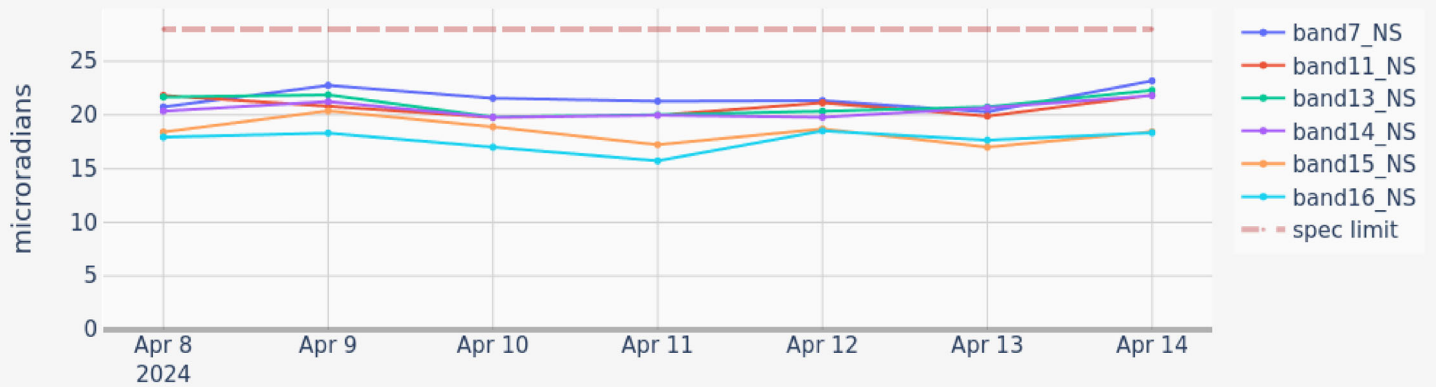
VNIR Daily ABSMEAN+3SIGMA NS

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



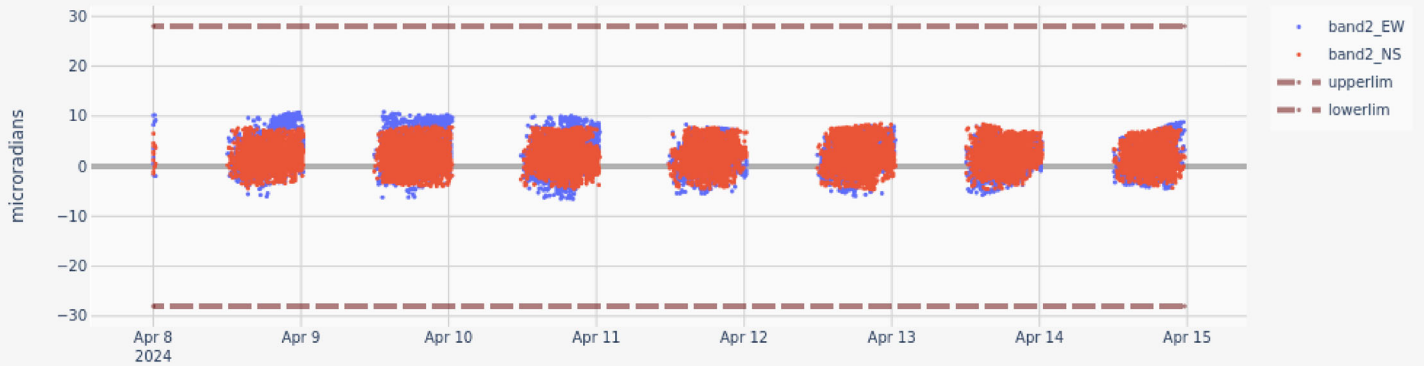
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



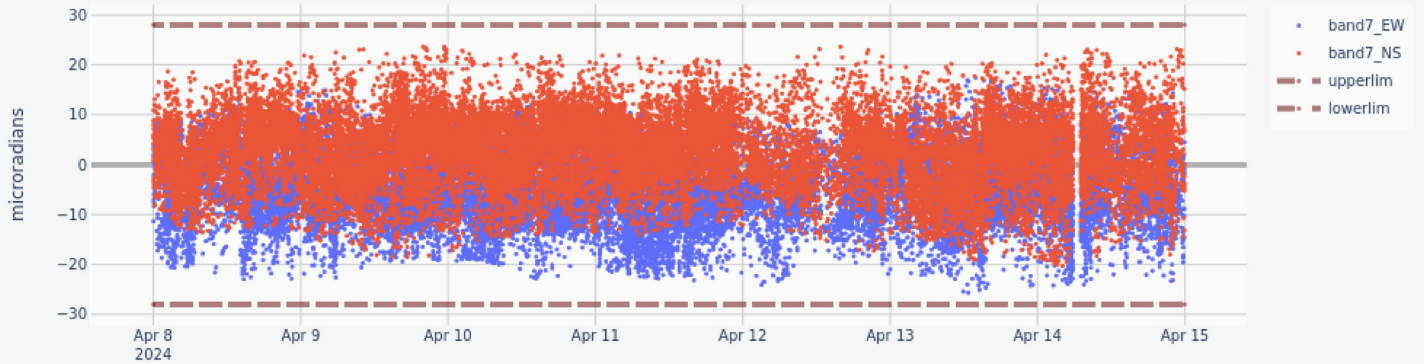
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.WCDAS]



NAV Residuals Band:7

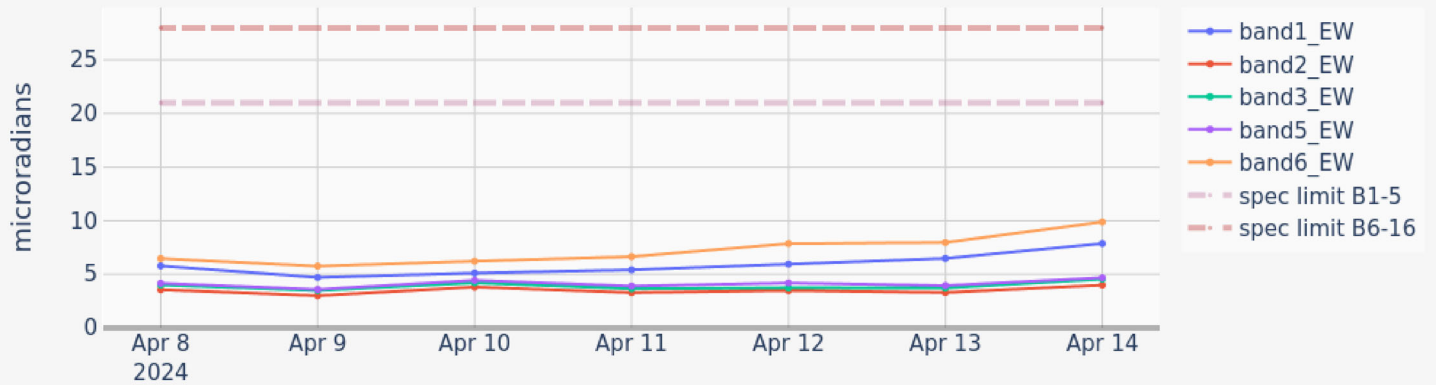
NAV Residuals plot Band:7 [INR.WCDAS]



FFR Plots:

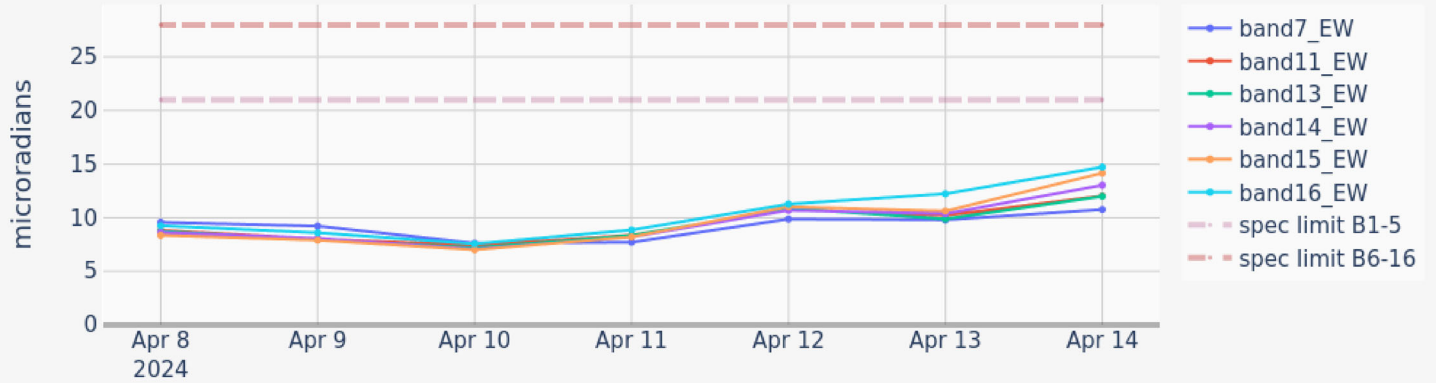
VNIR Daily ABSMEAN+3SIGMA EW

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



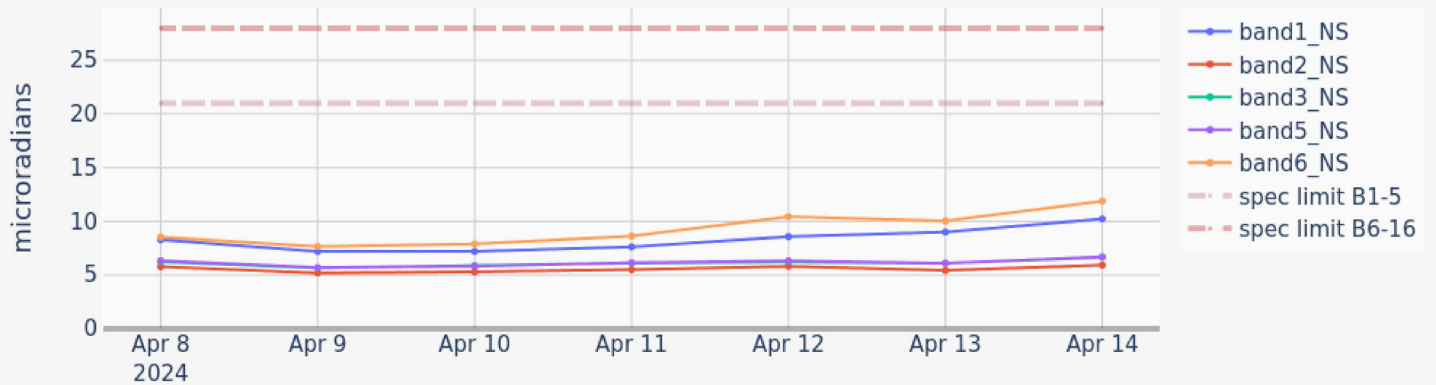
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



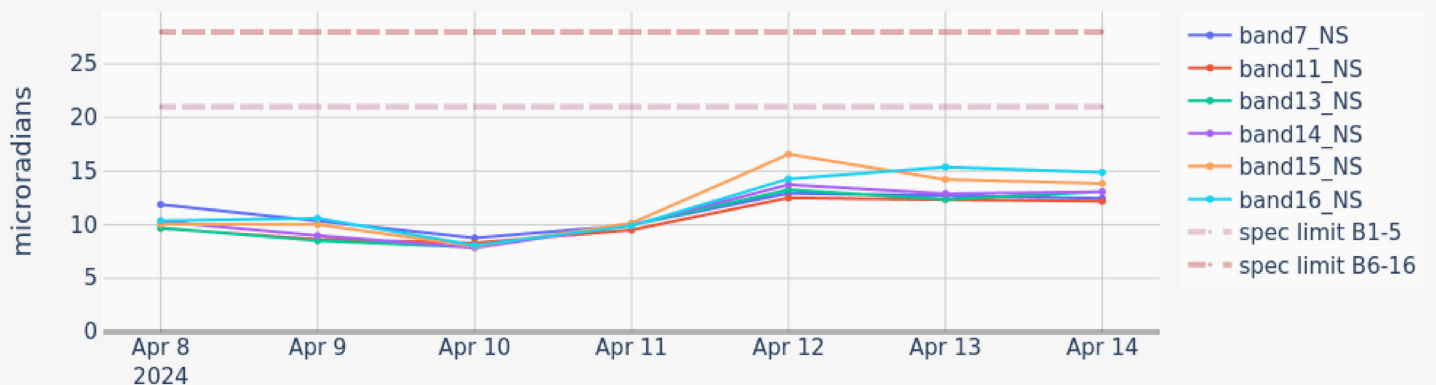
VNIR Daily ABSMEAN+3SIGMA NS

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



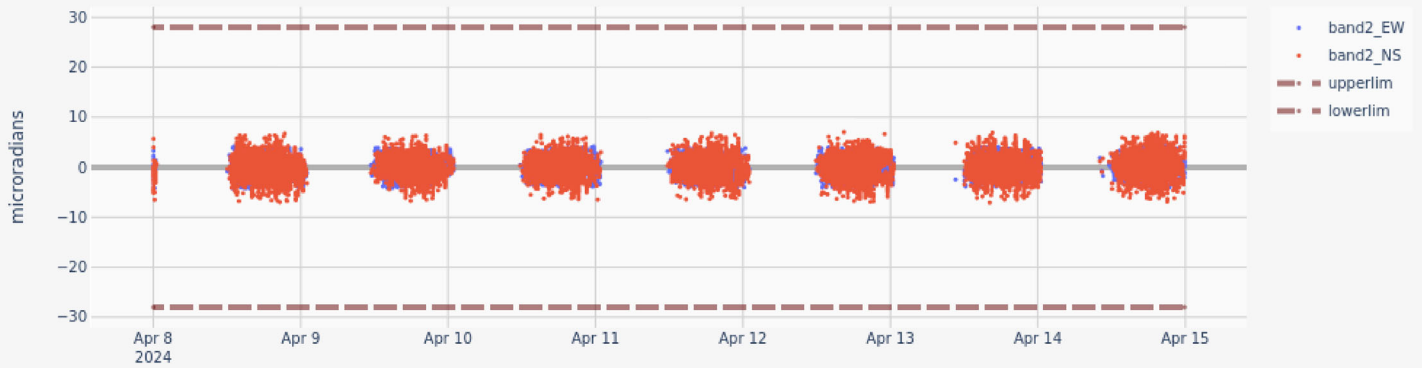
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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]

