

GOES-RSTU OSPO INR Report

Report Time Range 01/29/24 to 02/05/24

Satellite ID: GOES - 17

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	100.000% 6/6	100.000% 68/68	100.000% 93/93	100.000% 88/88	100.000% 56/56
NS	100.000% 6/6	100.000% 68/68	100.000% 93/93	100.000% 88/88	100.000% 56/56

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	100.000% 4938/4938	100.000% 3044/3044	100.000% 3194/3194	100.000% 2621/2621	100.000% 1534/1534	None
NS	100.000% 4938/4938	100.000% 3044/3044	100.000% 3194/3194	100.000% 2621/2621	100.000% 1534/1534	None

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	100.000% 313/313	100.000% 282/282	100.000% 362/362	100.000% 402/402	100.000% 370/370
NS	100.000% 313/313	100.000% 282/282	100.000% 362/362	100.000% 402/402	100.000% 370/370

VNIR FFR Points Within Limits Table 3

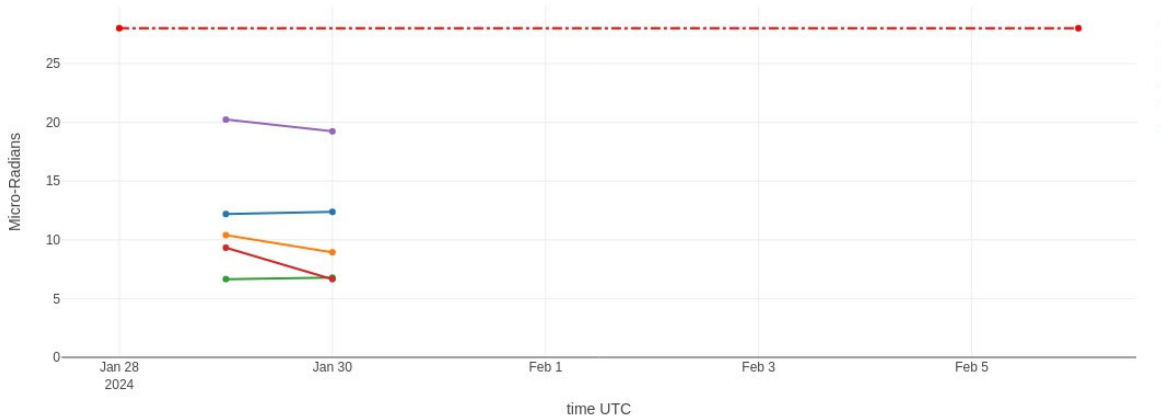
ABI MWIR/LWIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

Band	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.000% 7016/7016	100.000% 5385/5385	100.000% 5354/5354	100.000% 4709/4709	100.000% 4129/4129	97.122% 135/139
NS	100.000% 7016/7016	100.000% 5385/5385	100.000% 5354/5354	100.000% 4709/4709	100.000% 4129/4129	64.748% 90/139

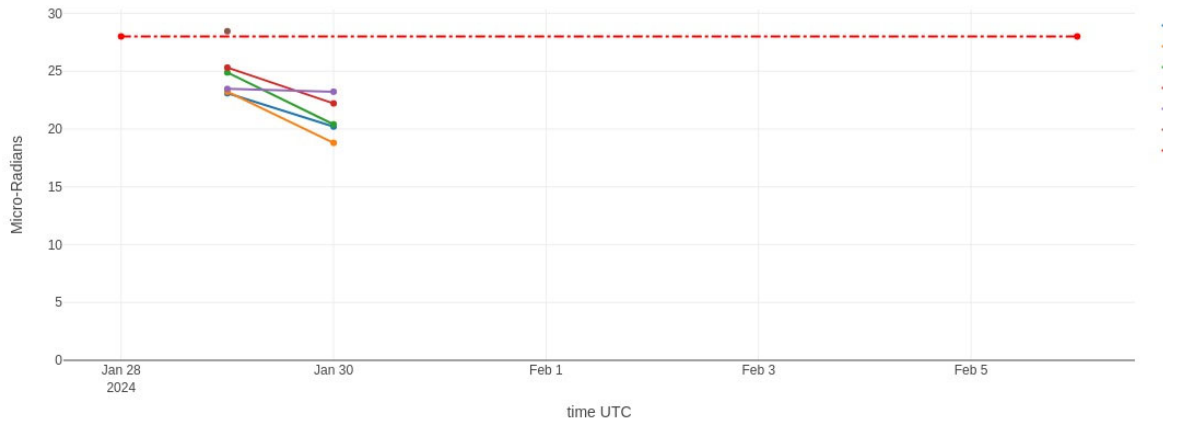
MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

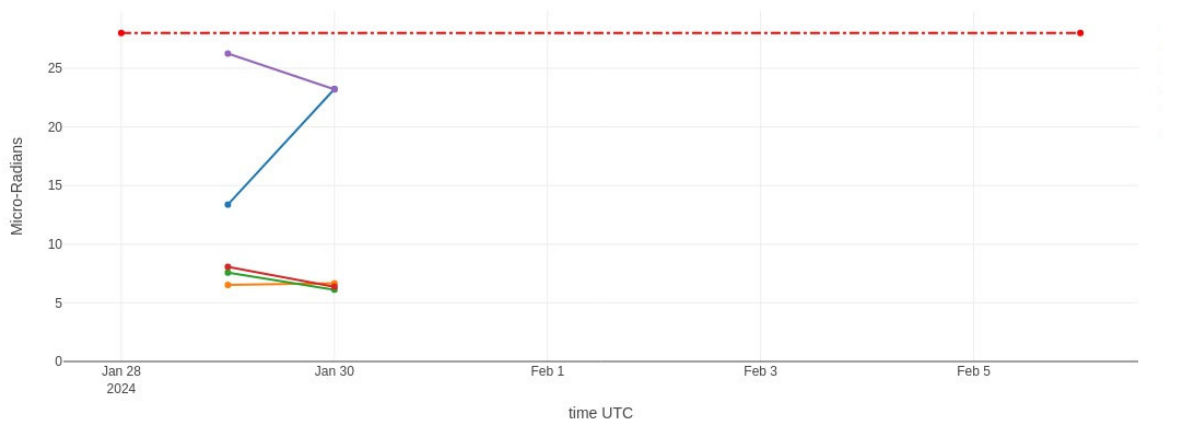
ABI FD EW NAV VNIR Daily ABSMEAN+3SIGMA (EW) [WCDAS]



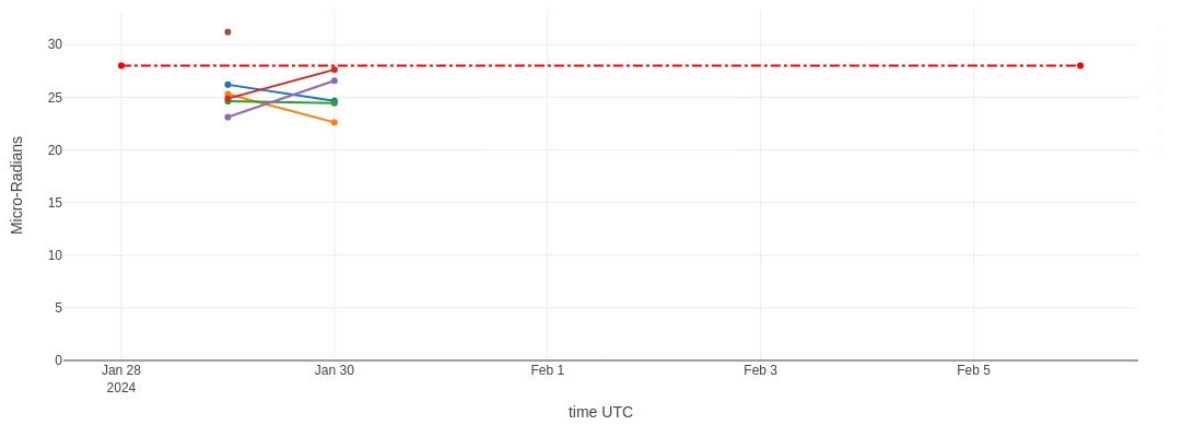
ABI FD EW NAV MWIR/LWIR Daily ABSMEAN+3SIGMA (EW) [WCDAS]



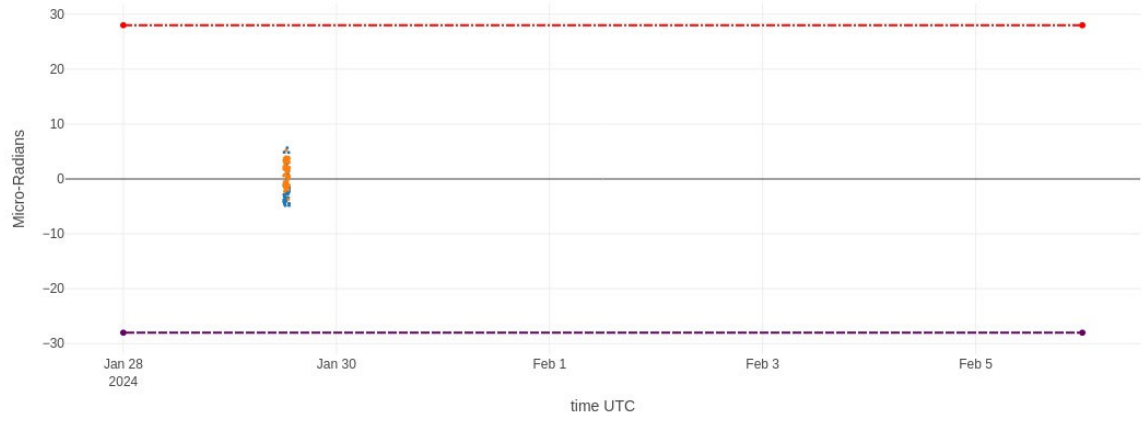
ABI FD NS NAV VNIR Daily ABSMEAN+3SIGMA (NS) [WCDAS]



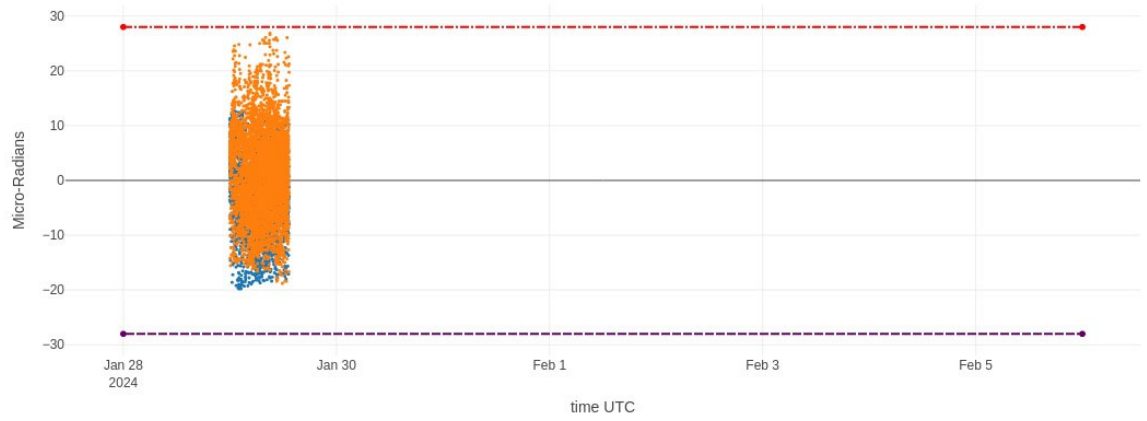
ABI FD NS NAV MWIR/LWIR Daily ABSMEAN+3SIGMA (NS) [WCDAS]



NAV Residuals plot Band:2 [WCDAS]

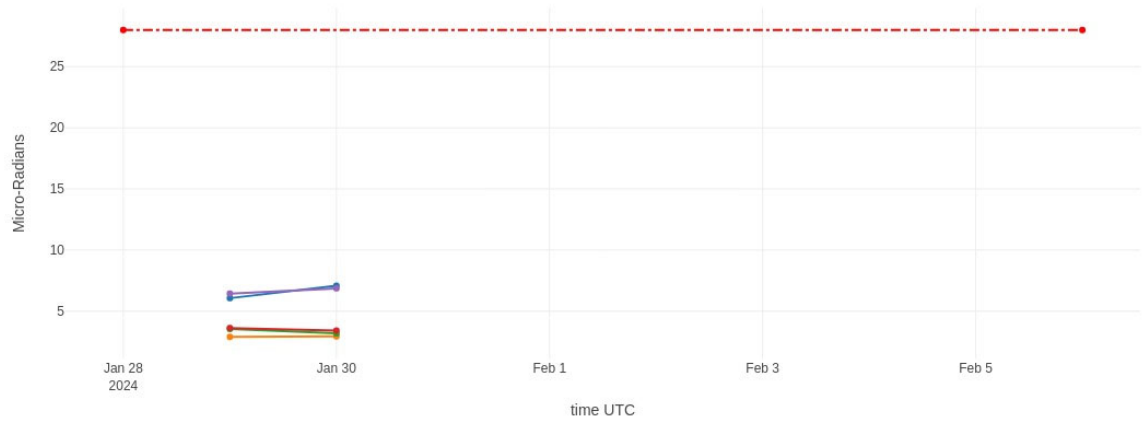


NAV Residuals plot Band:7 [WCDAS]



FFR Plots:

ABI FD EW FFR VNIR Daily ABSMEAN+3SIGMA (EW) [WCDAS]



ABI FD EW FFR MWIR/LWIR Daily ABSMEAN+3SIGMA (EW) [WCDAS]



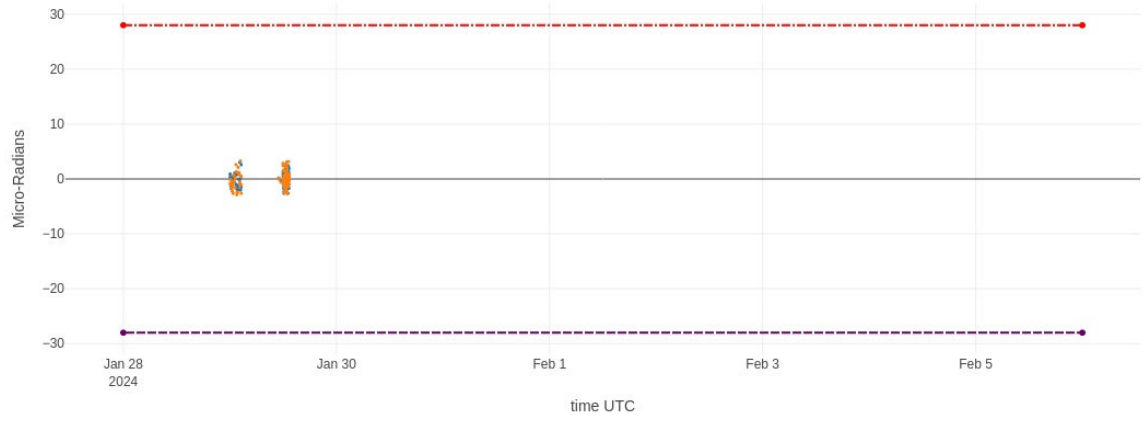
ABI FD NS FFR VNIR Daily ABSMEAN+3SIGMA (NS) [WCDAS]



ABI FD NS FFR MWIR/LWIR Daily ABSMEAN+3SIGMA (NS) [WCDAS]



FFR Residuals plot Band:2 [WCDAS]



FFR Residuals plot Band:7 [WCDAS]

