

GOES-RSTU OSPO INR Report

Report Time Range 12/01/25 to 12/08/25

Satellite ID: GOES - 19

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	99.89% 9376/9386	100.00% 16742/16742	100.00% 15553/15553	100.00% 15591/15591	99.73% 14146/14184
NS	100.00% 9386/9386	100.00% 16742/16742	100.00% 15553/15553	100.00% 15591/15591	99.45% 14106/14184
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	99.75% 47651/47771	99.76% 40395/40494	99.88% 40904/40952	99.78% 37812/37895	99.63% 34152/34279	99.76% 24788/24847
NS	99.46% 47514/47771	99.17% 40157/40494	99.45% 40725/40952	98.35% 37269/37895	98.32% 33704/34279	96.78% 24046/24847
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% 24408/24408	100.00% 27295/27295	100.00% 28409/28409	100.00% 30410/30410	100.00% 28215/28215
NS	100.00% 24408/24408	100.00% 27295/27295	100.00% 28409/28409	100.00% 30410/30410	100.00% 28215/28215
VNIR FFR Points Within Limits Table 3					

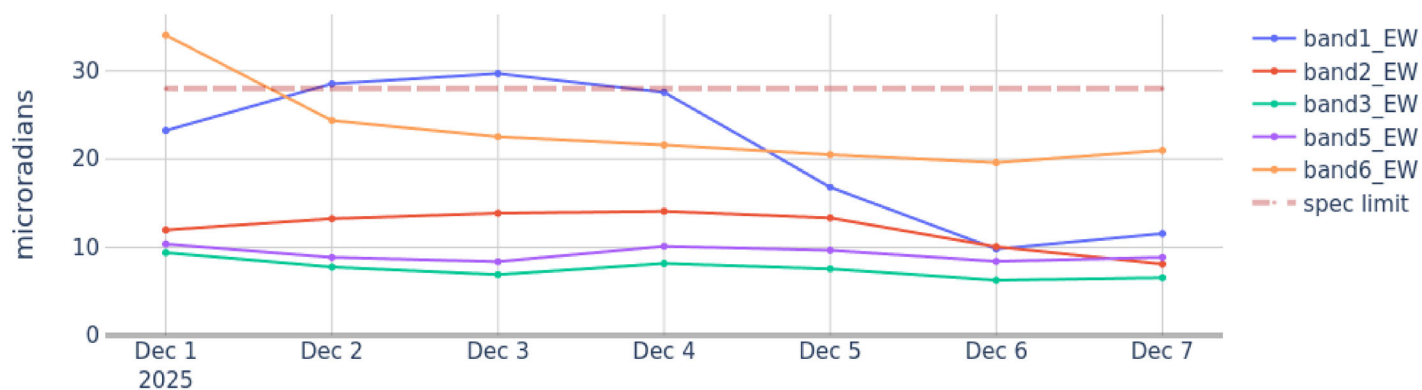
ABI MWIR/LWIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 75064/75064	100.00% 60294/60294	100.00% 60107/60107	100.00% 55998/55998	100.00% 52133/52133	100.00% 44295/44295
NS	100.00% 75064/75064	100.00% 60294/60294	100.00% 60107/60107	100.00% 55998/55998	100.00% 52133/52133	100.00% 44295/44295
MWIR/LWIR FFR Points Within Limits Table 4						

NAV Plots:

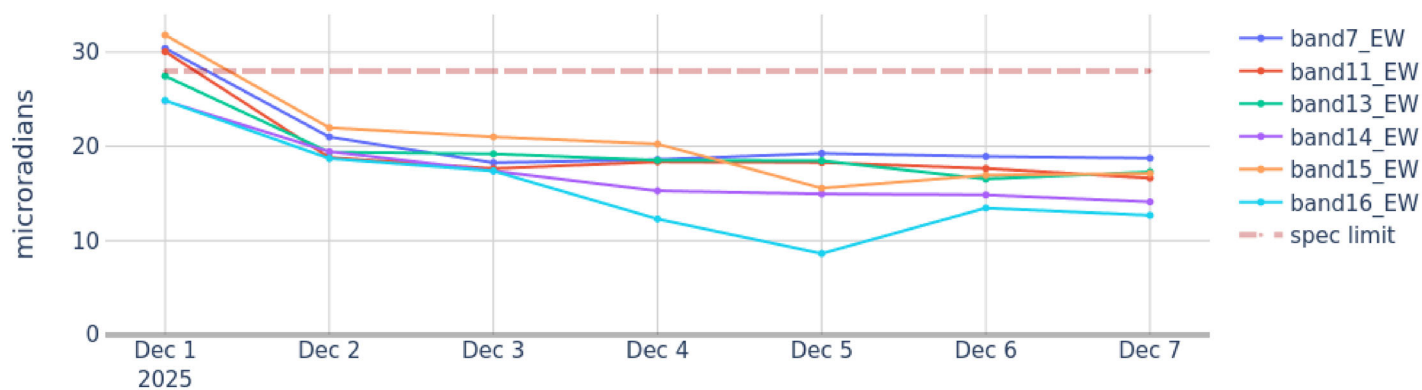
VNIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (merged) G19



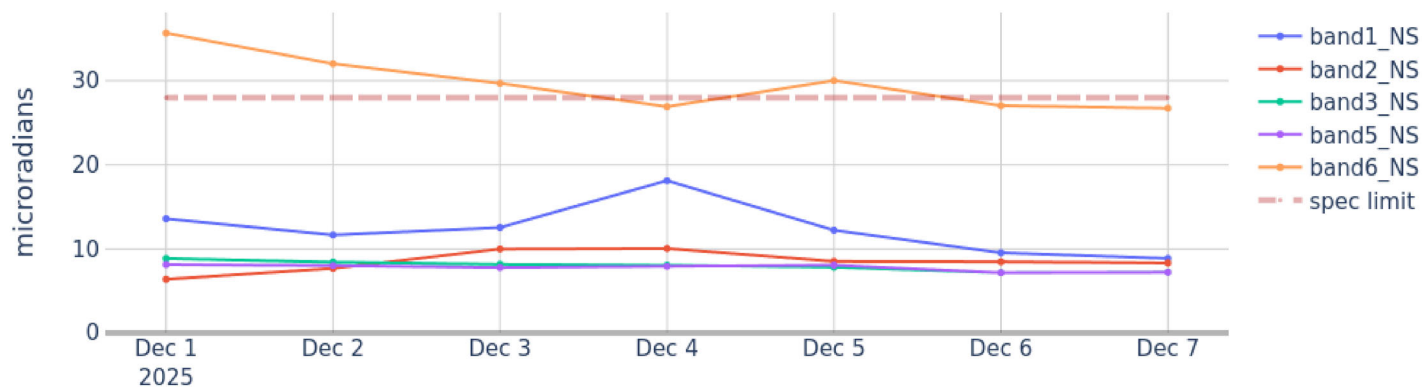
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

ABI FD EW NAV Daily ABSMEAN+3SIGMA (merged) G19



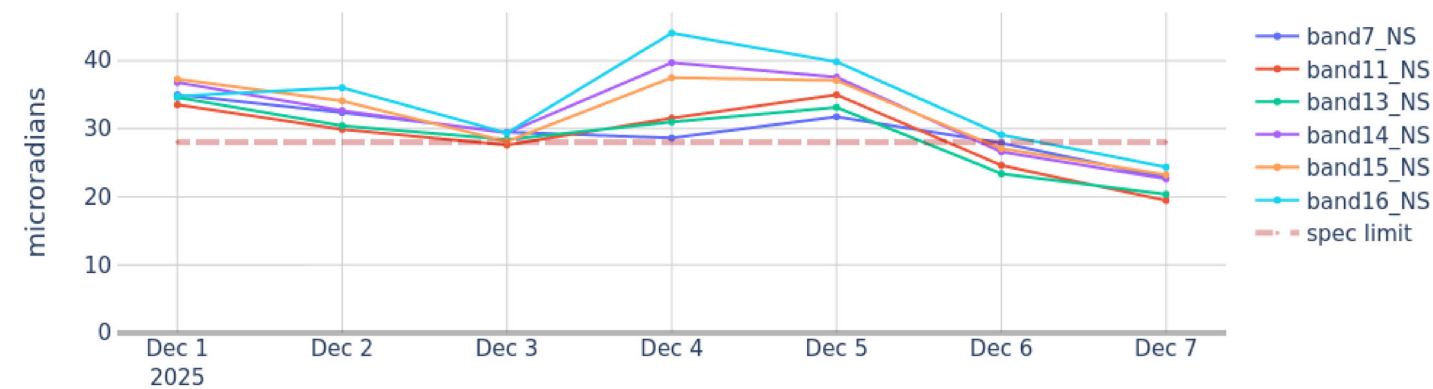
VNIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (merged) G19



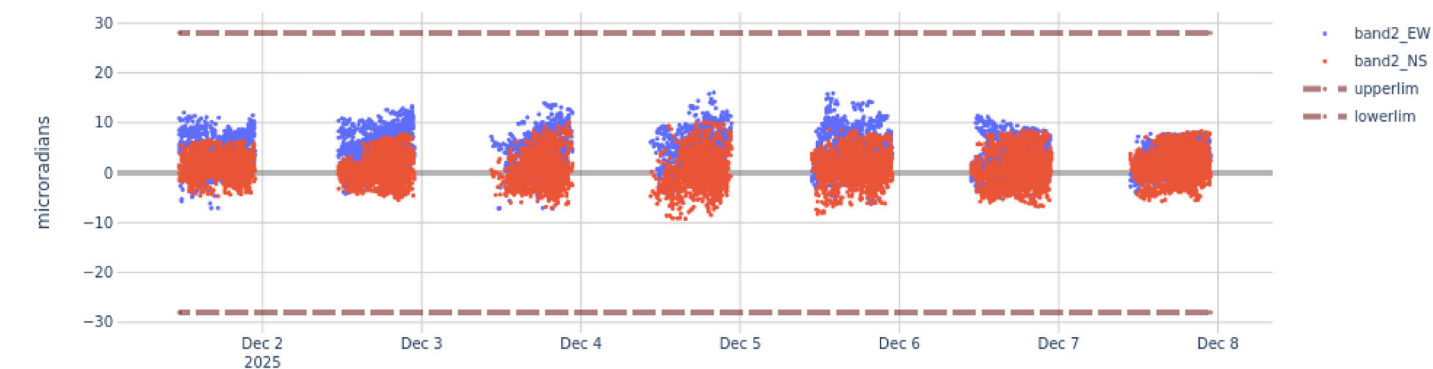
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

ABI FD NS NAV Daily ABSMEAN+3SIGMA (merged) G19



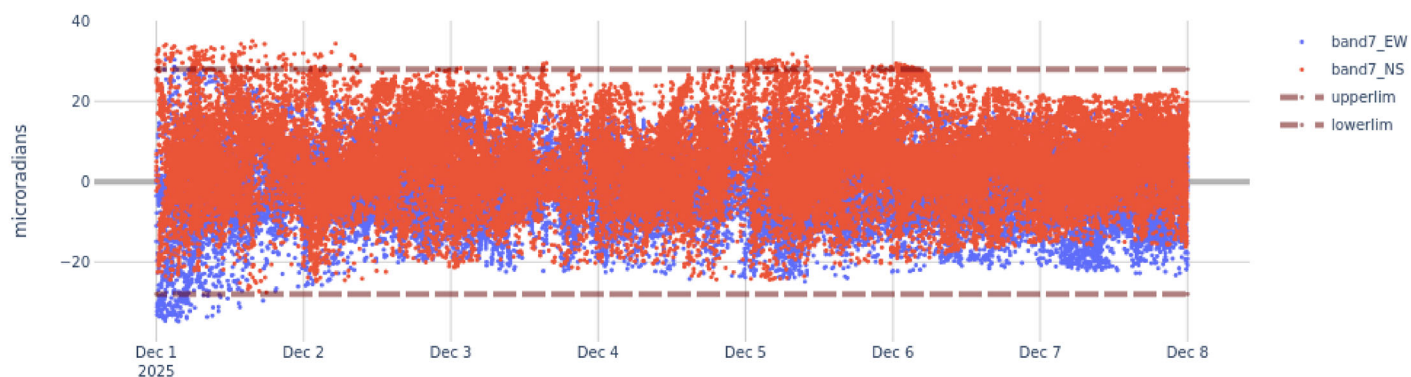
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.merged]



NAV Residuals Band:7

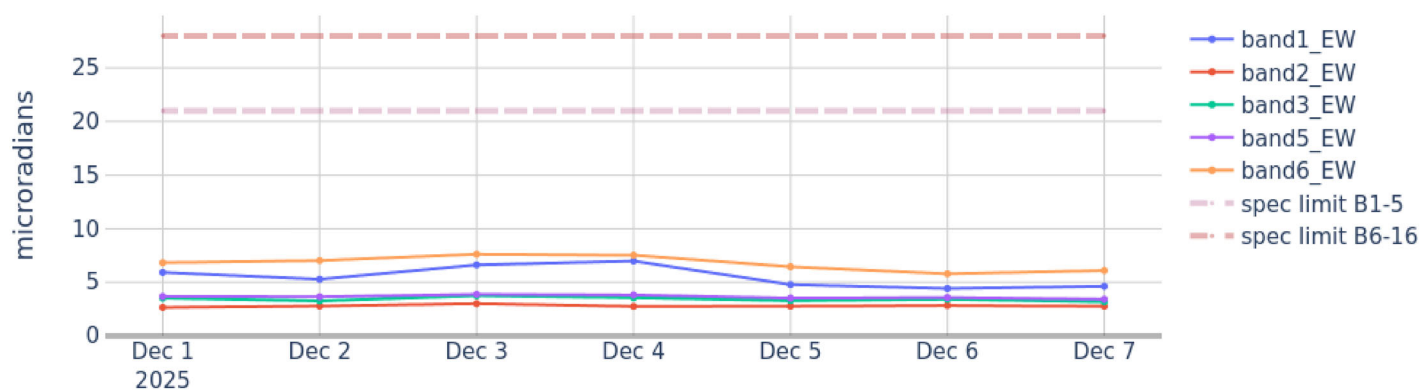
NAV Residuals plot Band:7 [INR.merged]



FFR Plots:

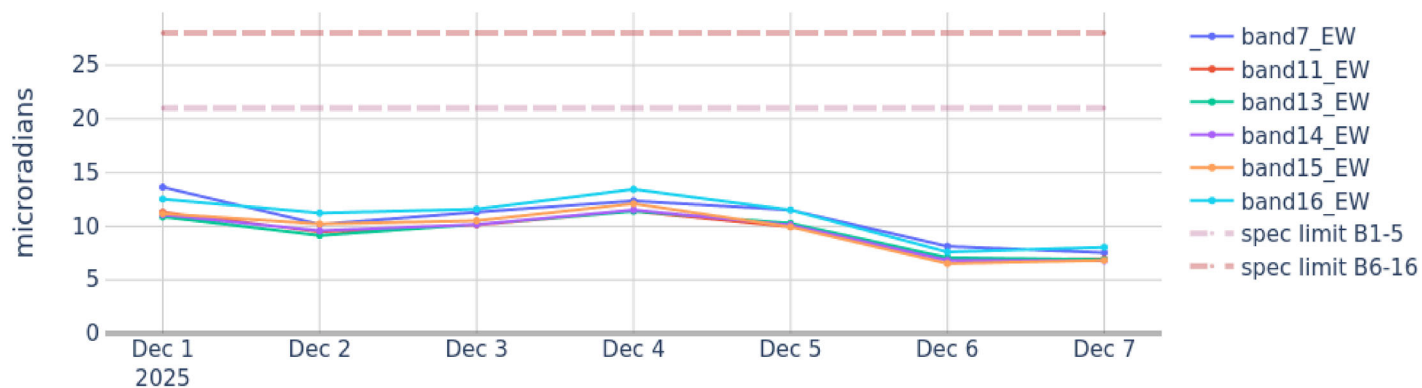
VNIR Daily ABSMEAN+3SIGMA EW

ABI FD EW FFR Daily ABSMEAN+3SIGMA (merged) G19



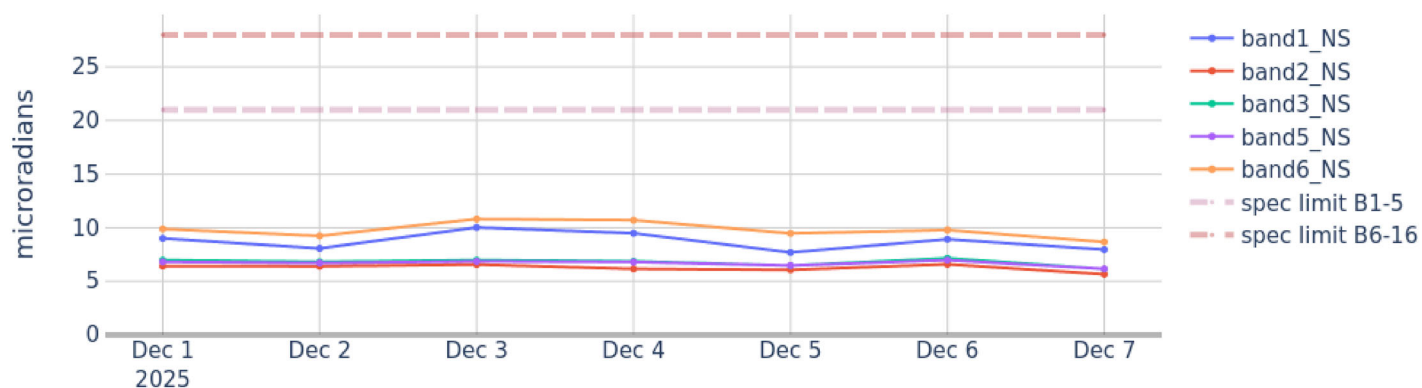
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

ABI FD EW FFR Daily ABSMEAN+3SIGMA (merged) G19



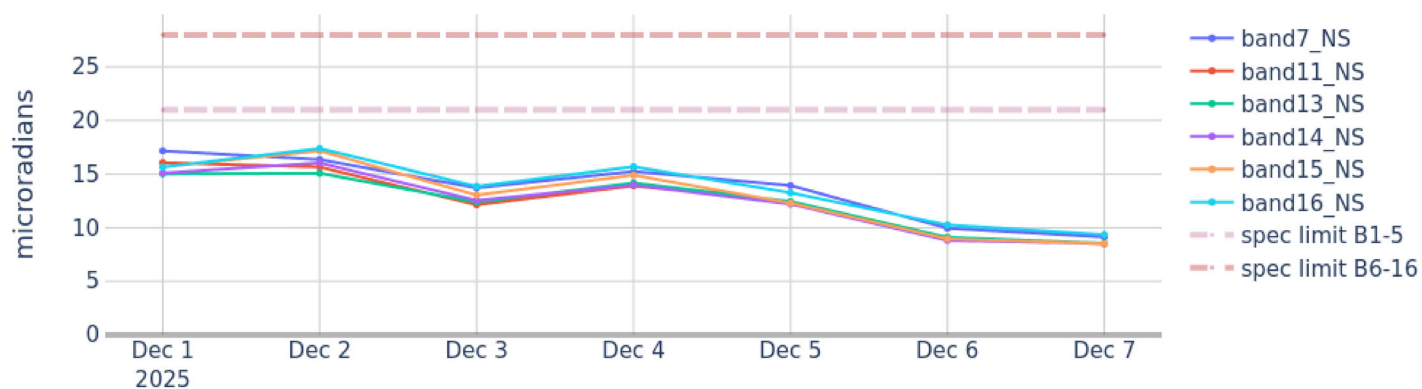
VNIR Daily ABSMEAN+3SIGMA NS

ABI FD NS FFR Daily ABSMEAN+3SIGMA (merged) G19

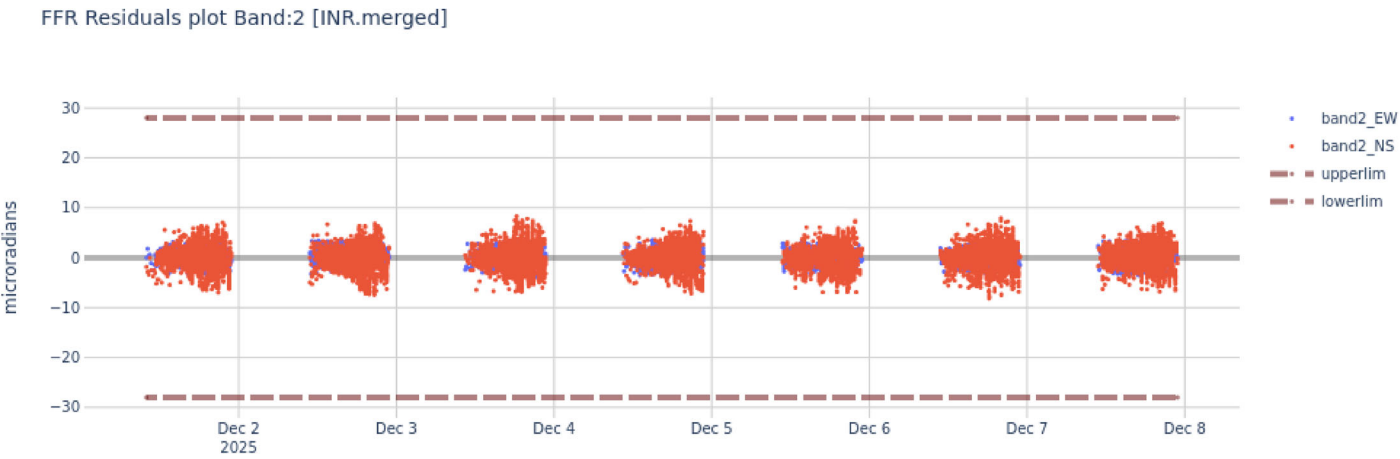


MWIR/LWIR Daily ABSMEAN+3SIGMA NS

ABI FD NS FFR Daily ABSMEAN+3SIGMA (merged) G19



FFR Residuals Band:2



FFR Residuals Band:7

