

GOES-RSTU OSPO INR Report

Report Time Range 06/09/25 to 06/16/25

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	100.00% 10461/10461	100.00% 14040/14040	100.00% 14378/14378	100.00% 13863/13863	100.00% 10606/10606
NS	100.00% 10461/10461	100.00% 14040/14040	100.00% 14378/14378	100.00% 13863/13863	100.00% 10606/10606
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% 38365/38365	100.00% 34440/34440	100.00% 35046/35046	100.00% 33805/33805	100.00% 32275/32275	100.00% 26347/26347
NS	100.00% 38364/38365	100.00% 34440/34440	100.00% 35046/35046	100.00% 33805/33805	100.00% 32275/32275	100.00% 26347/26347
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% 27321/27321	100.00% 27447/27447	100.00% 29376/29376	100.00% 31622/31622	100.00% 30782/30782
NS	100.00% 27321/27321	100.00% 27447/27447	100.00% 29376/29376	100.00% 31622/31622	100.00% 30782/30782
VNIR FFR Points Within Limits Table 3					

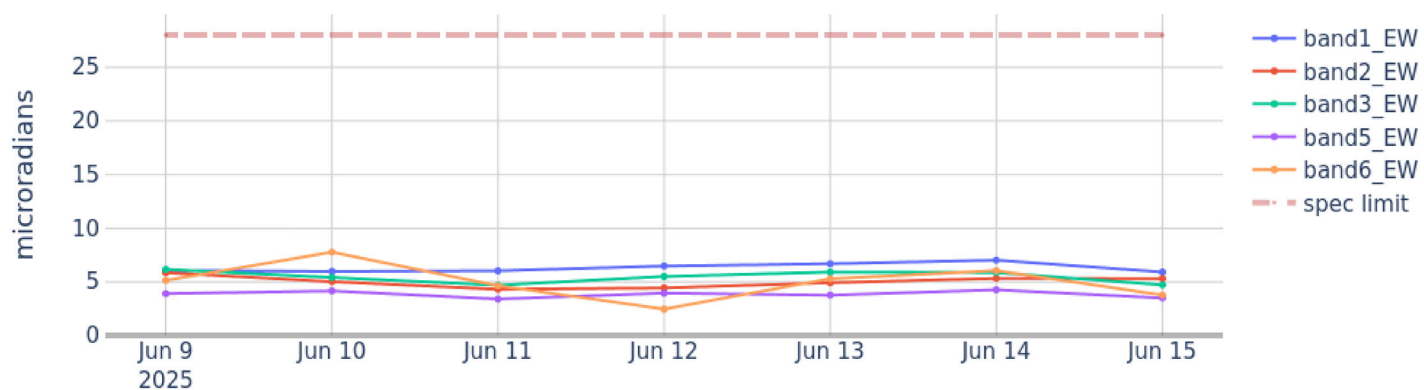
ABI MWIR/LWIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 76321/76321	100.00% 68652/68652	100.00% 68355/68355	100.00% 64687/64687	100.00% 61581/61581	100.00% 52464/52464
NS	100.00% 76321/76321	100.00% 68652/68652	100.00% 68355/68355	100.00% 64687/64687	100.00% 61581/61581	100.00% 52464/52464
MWIR/LWIR FFR Points Within Limits Table 4						

NAV Plots:

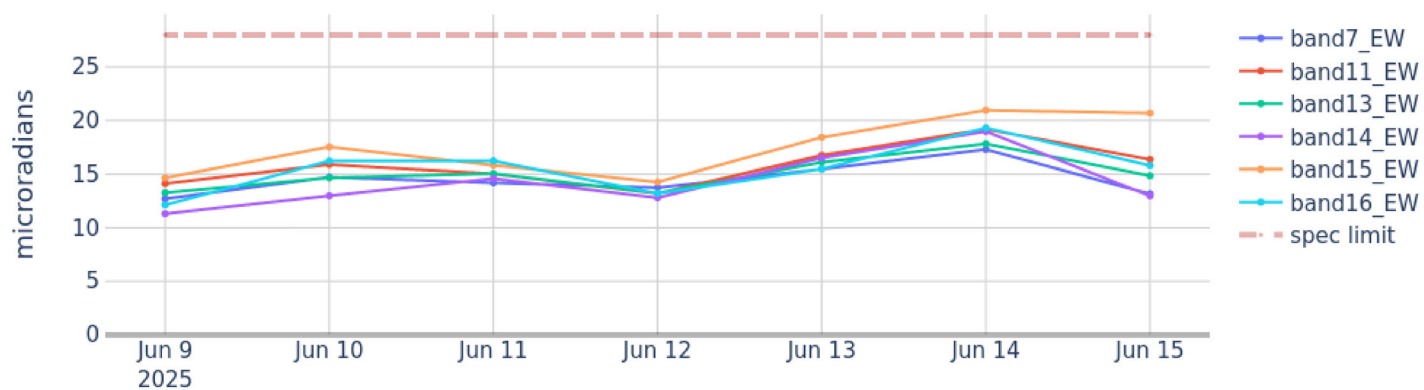
VNIR Daily ABSMEAN+3SIGMA EW

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



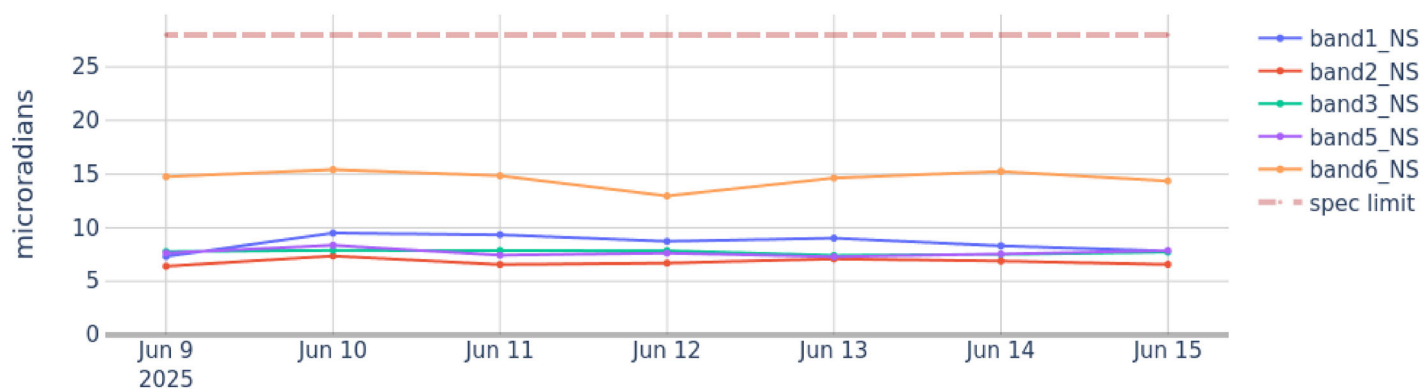
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



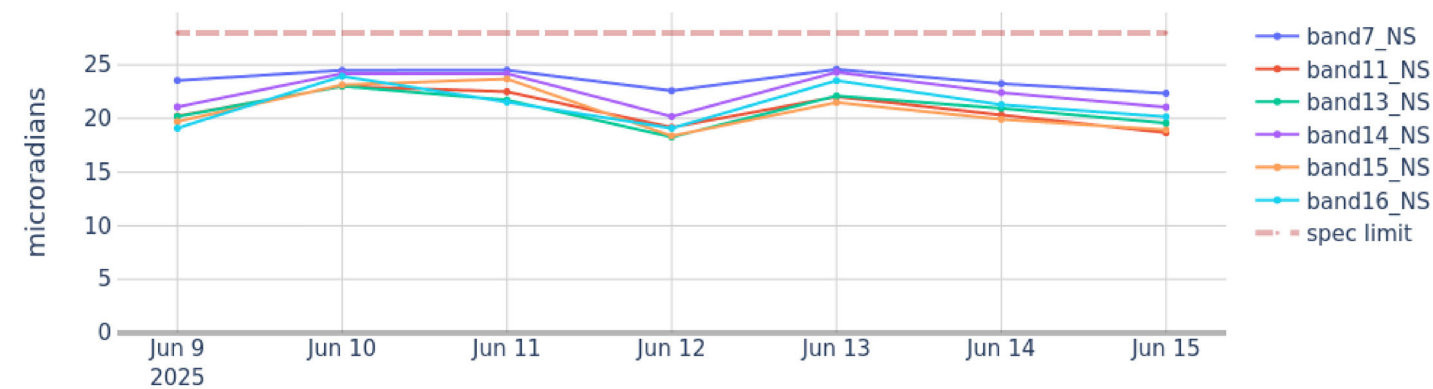
VNIR Daily ABSMEAN+3SIGMA NS

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



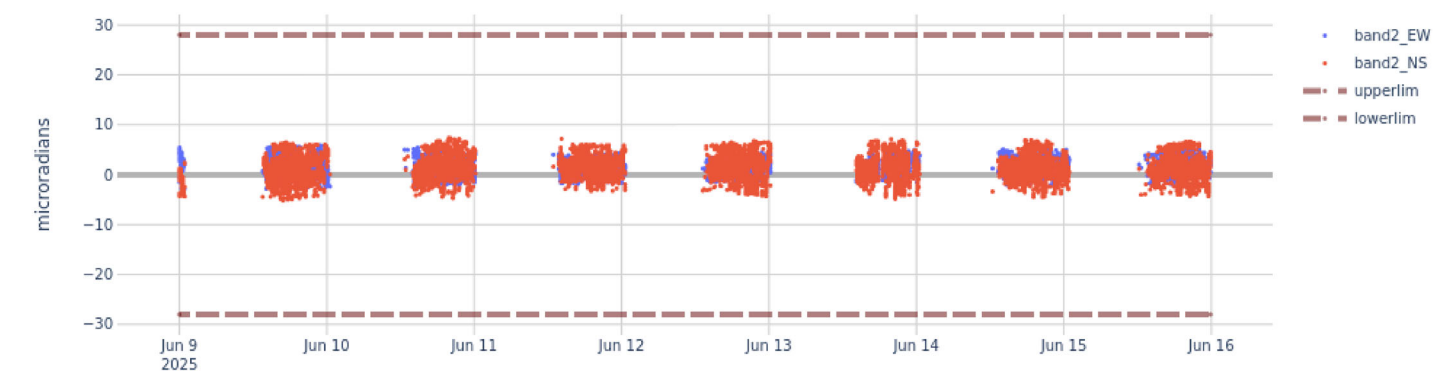
MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



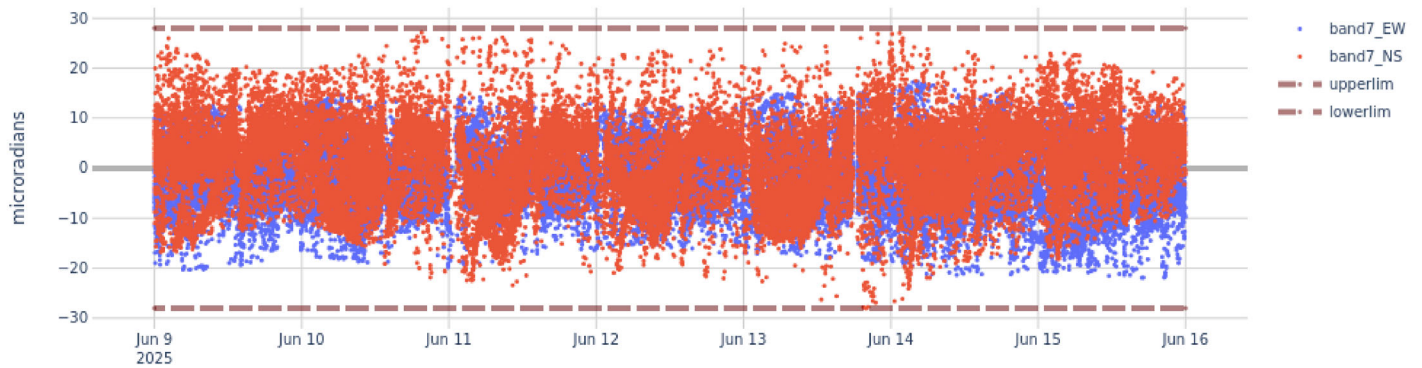
NAV Residuals Band:2

NAV Residuals plot Band:2 [INR.merged]



NAV Residuals Band:7

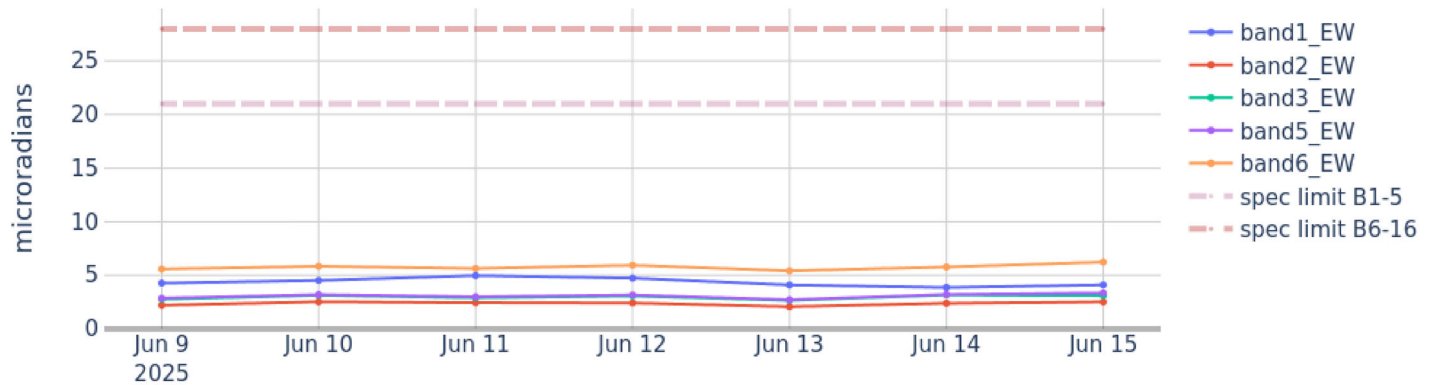
NAV Residuals plot Band:7 [INR.merged]



FFR Plots:

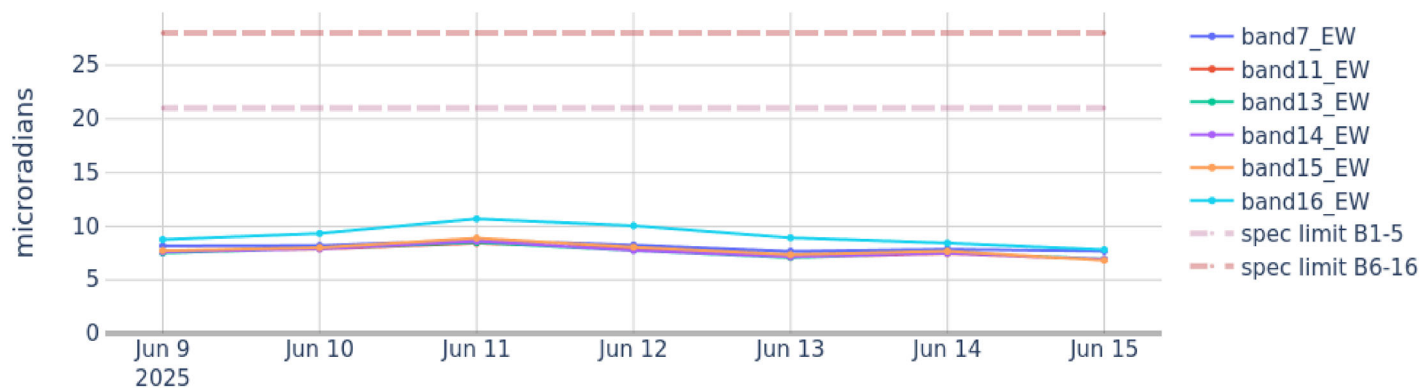
VNIR Daily ABSMEAN+3SIGMA EW

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



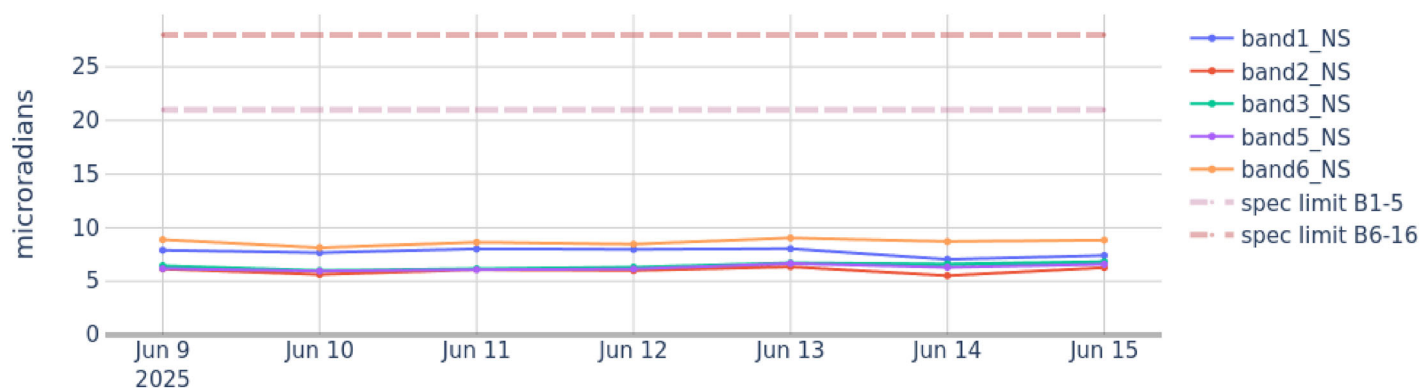
MWIR/LWIR Daily ABSMEAN+3SIGMA EW

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



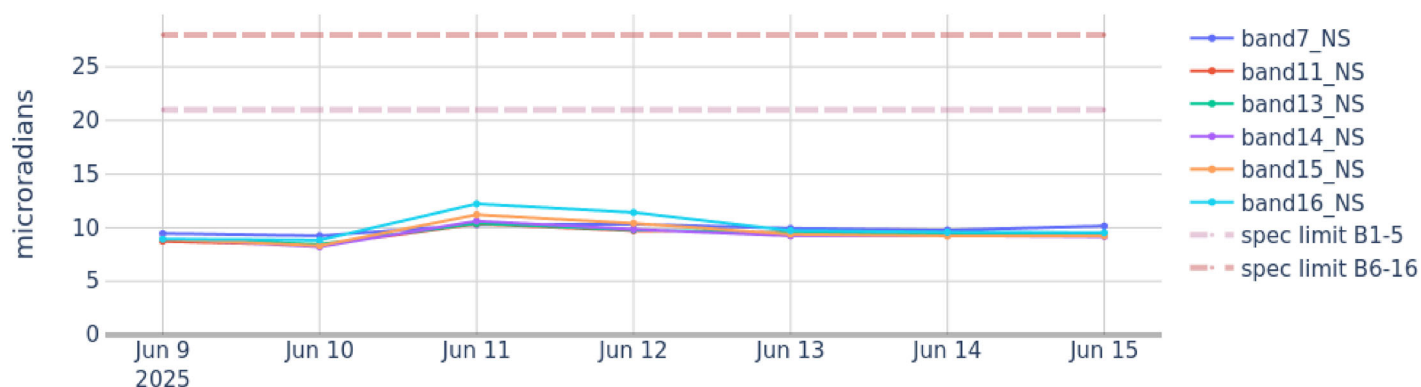
VNIR Daily ABSMEAN+3SIGMA NS

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

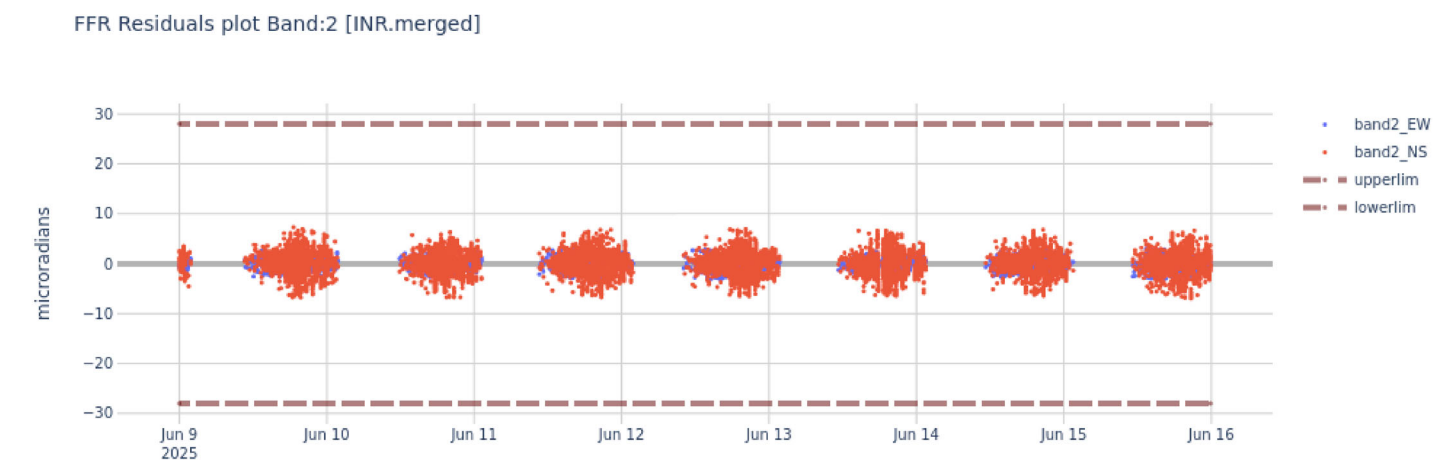


MWIR/LWIR Daily ABSMEAN+3SIGMA NS

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



FFR Residuals Band:2



FFR Residuals Band:7

