GOES-RSTU OSPO INR Report

Report Time Range 04/07/25 to 04/14/25

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% 250/250	100.00% 491/491	100.00% 517/517	100.00% 507/507	100.00% 247/247
NS	100.00% 250/250	100.00% 491/491	100.00% 517/517	100.00% 507/507	100.00% 247/247

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% 4182/4182	100.00% 4483/4483	100.00% 4450/4450	100.00% 3874/3874	100.00% 3043/3043	100.00% 2627/2627
NS	100.00% 4182/4182	100.00% 4483/4483	100.00% 4450/4450	100.00% 3874/3874	100.00% 3043/3043	100.00% 2627/2627

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% 700/700	100.00% 775/775	100.00% 938/938	100.00% 967/967	100.00% 483/483
NS	100.00% 700/700	100.00% 775/775	100.00% 938/938	100.00% 967/967	100.00% 483/483

VNIR FFR Points Within Limits Table 3

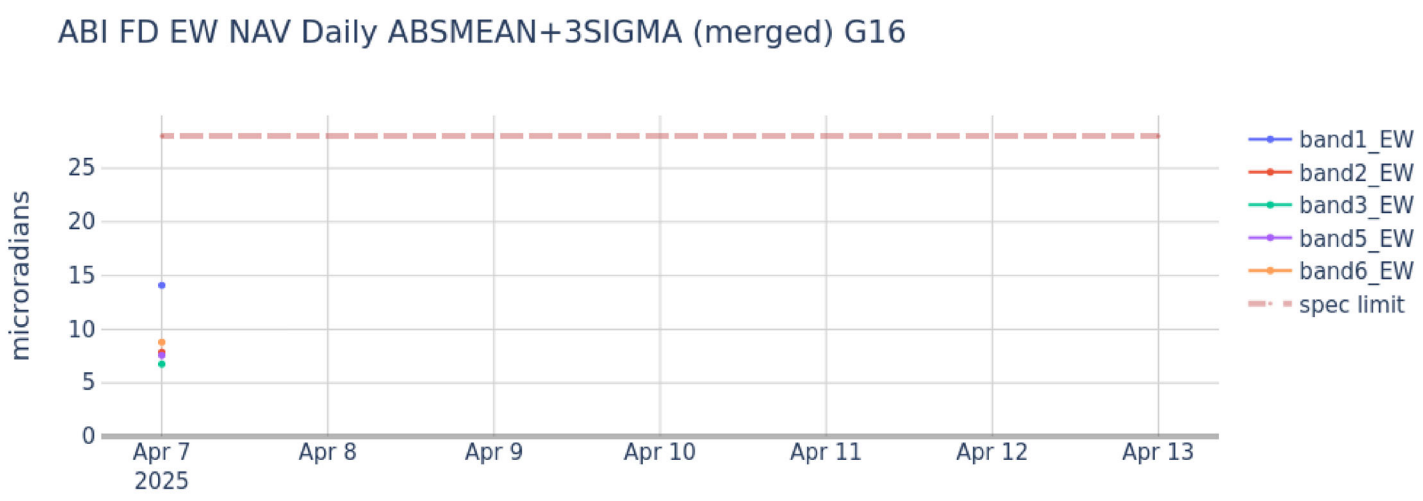
ABI MWIR/LWIR Full Disk Frame-to-Frame (FFR) Landmark Residual Points Within Limit (Green = above 99.7% spec)

BAND	Ch 7	Ch 11	Ch 13	Ch 14	Ch 15	Ch 16
EW	100.00% 4824/4824	100.00% 5442/5442	100.00% 5277/5277	100.00% 4779/4779	100.00% 4171/4171	100.00% 4163/4163
NS	100.00% 4824/4824	100.00% 5442/5442	100.00% 5277/5277	100.00% 4779/4779	100.00% 4171/4171	100.00% 4163/4163

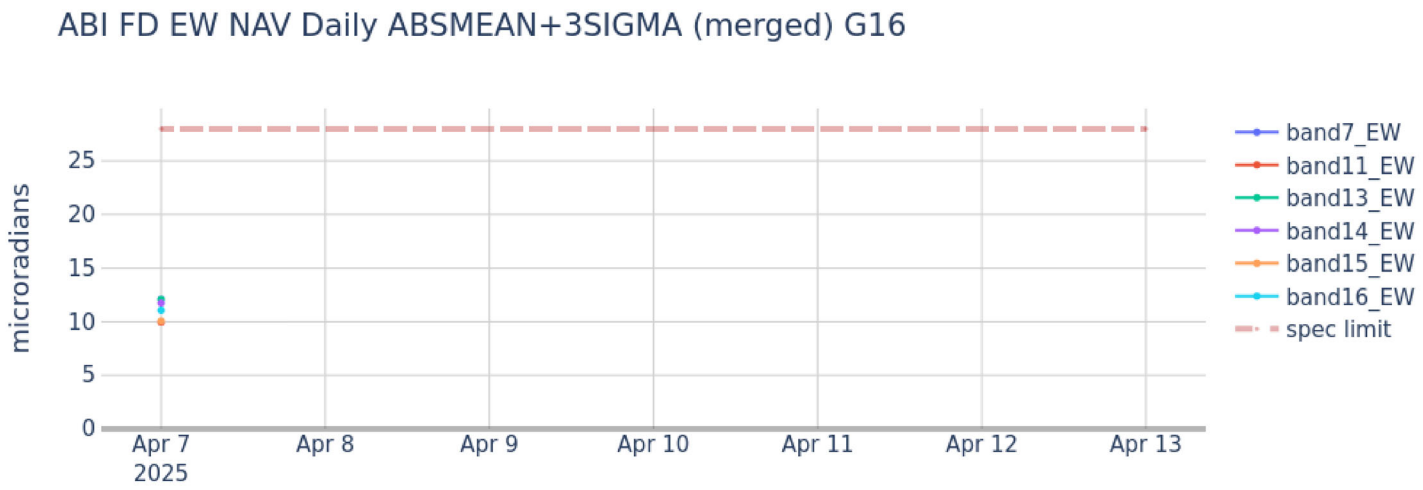
MWIR/LWIR FFR Points Within Limits Table 4

NAV Plots:

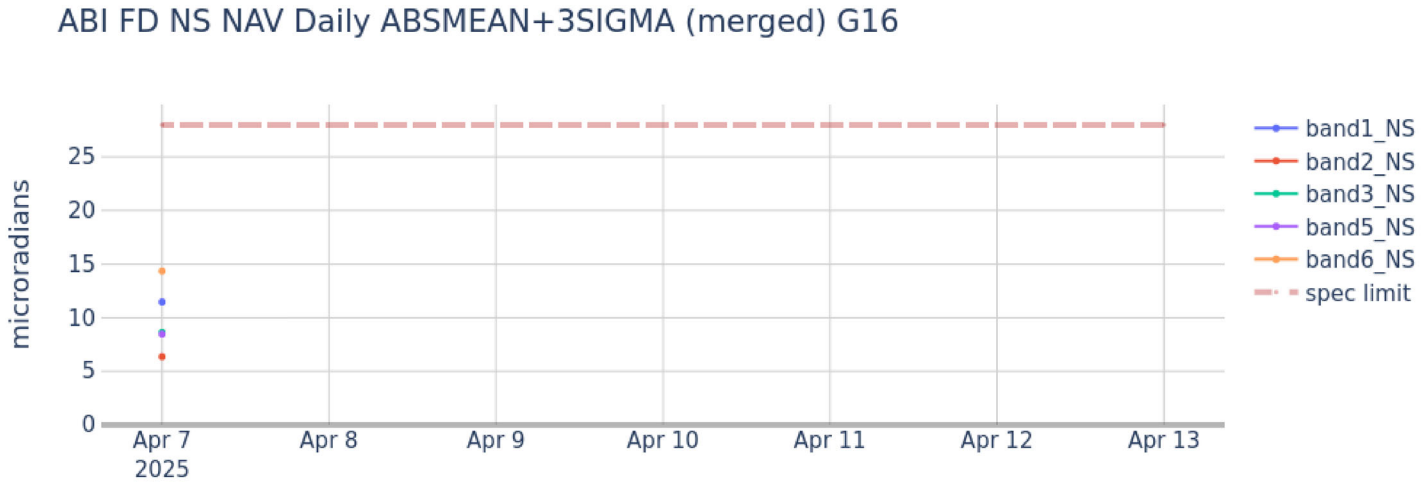
VNIR Daily ABSMEAN+3SIGMA EW



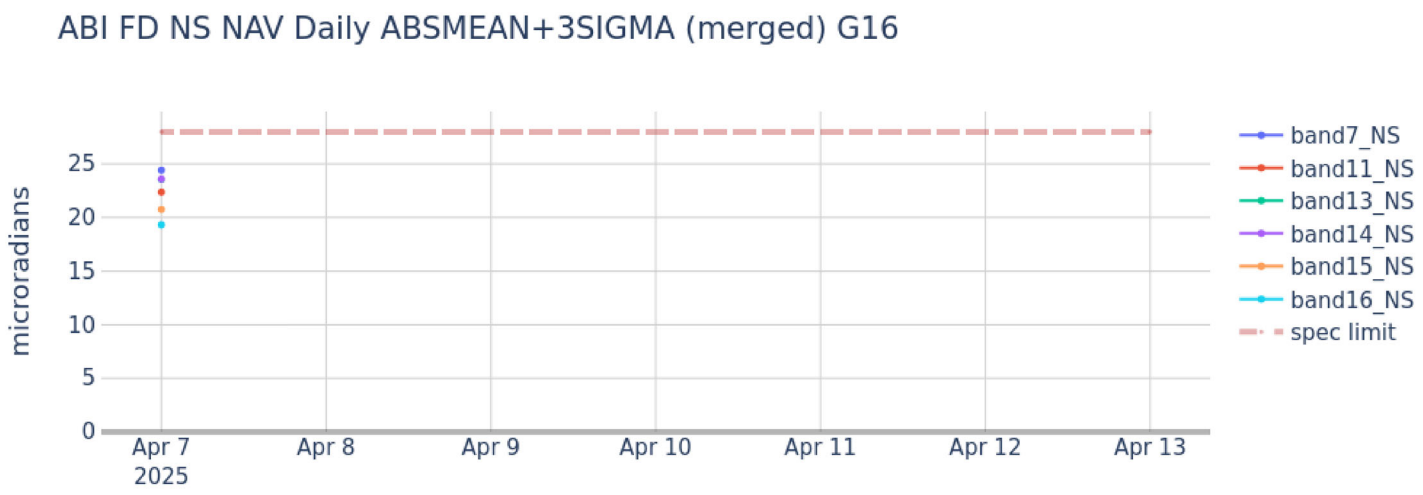
MWIR/LWIR Daily ABSMEAN+3SIGMA EW



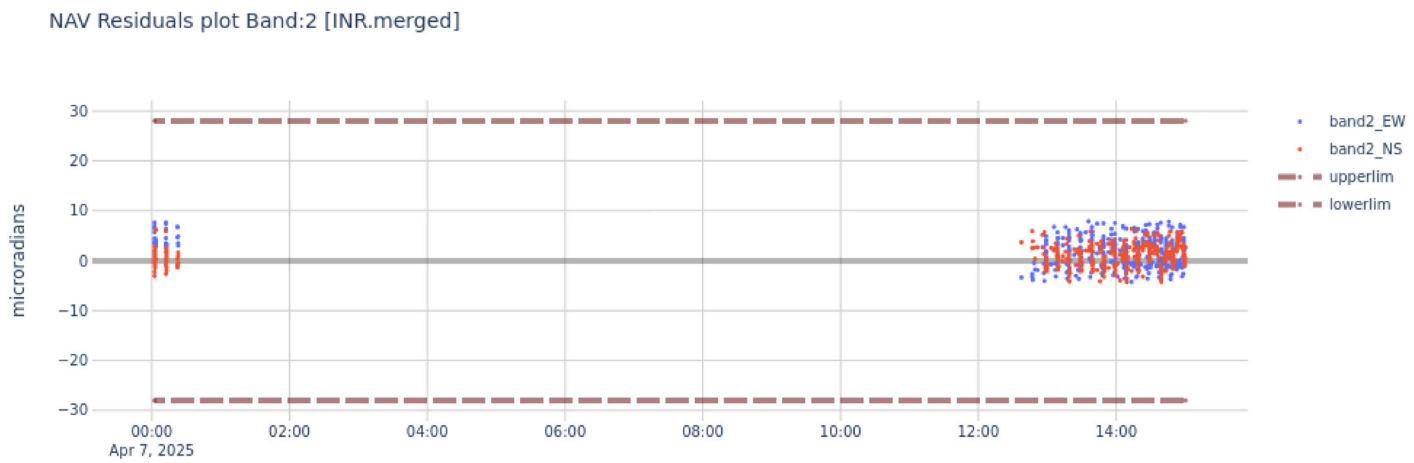
VNIR Daily ABSMEAN+3SIGMA NS



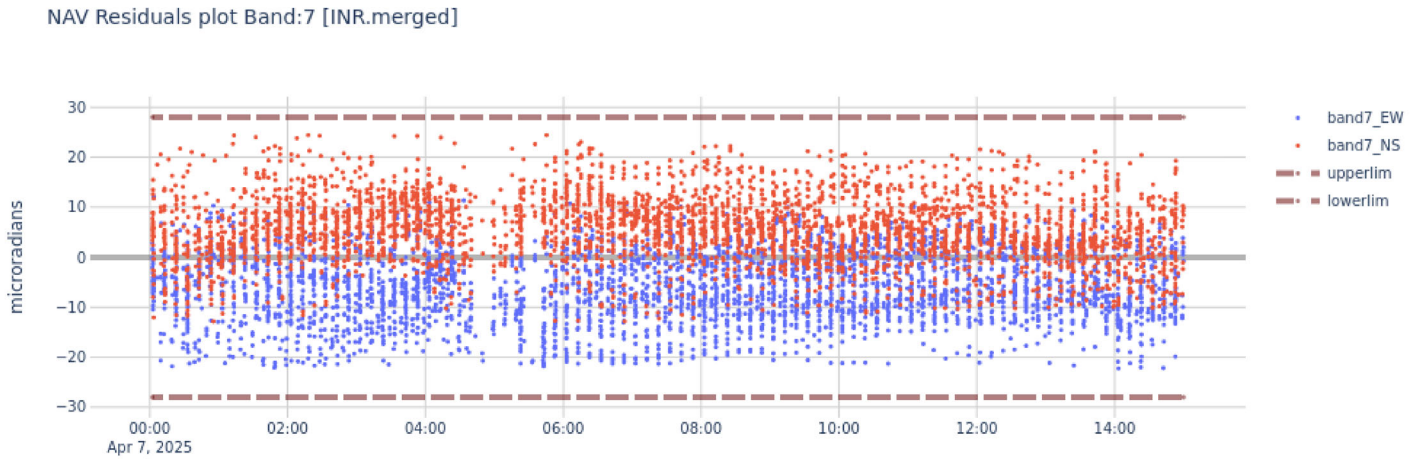
MWIR/LWIR Daily ABSMEAN+3SIGMA NS



NAV Residuals Band:2

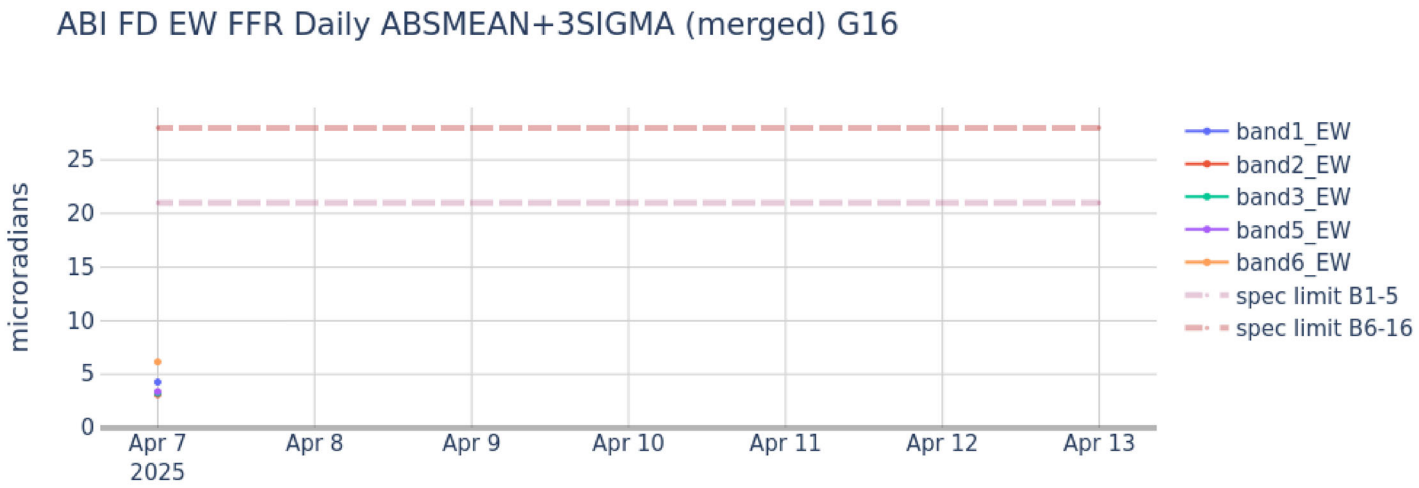


NAV Residuals Band:7

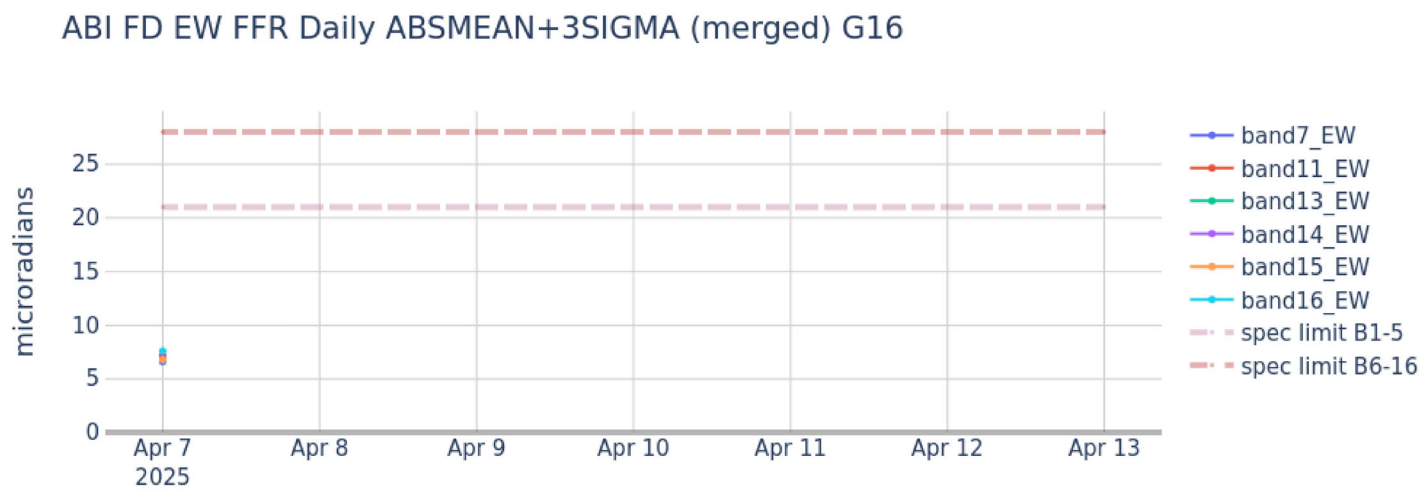


FFR Plots:

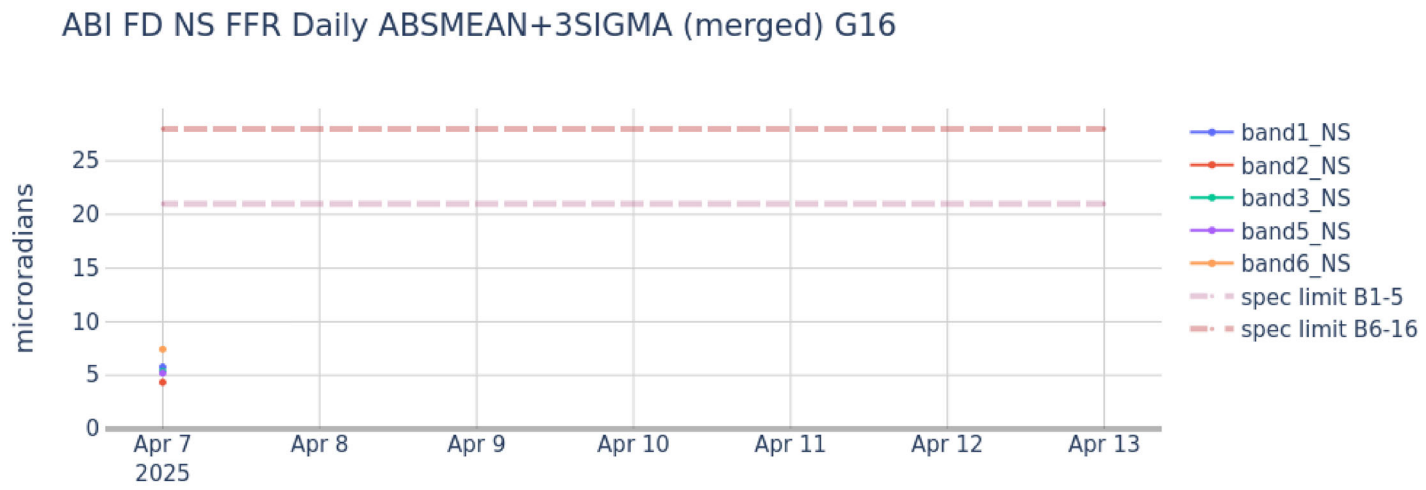
VNIR Daily ABSMEAN+3SIGMA EW



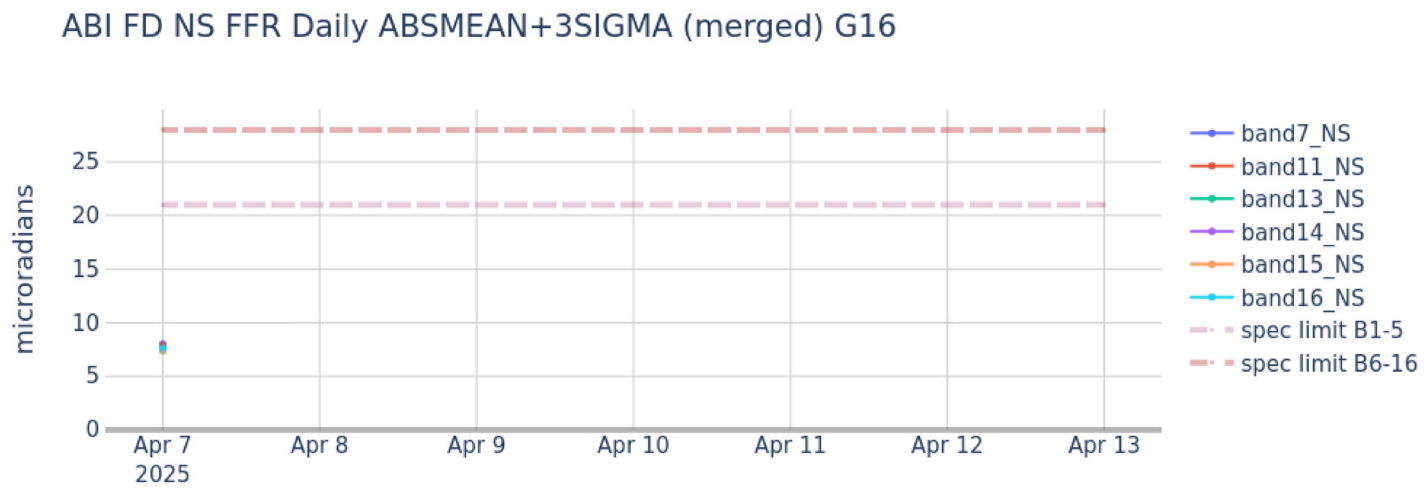
MWIR/LWIR Daily ABSMEAN+3SIGMA EW



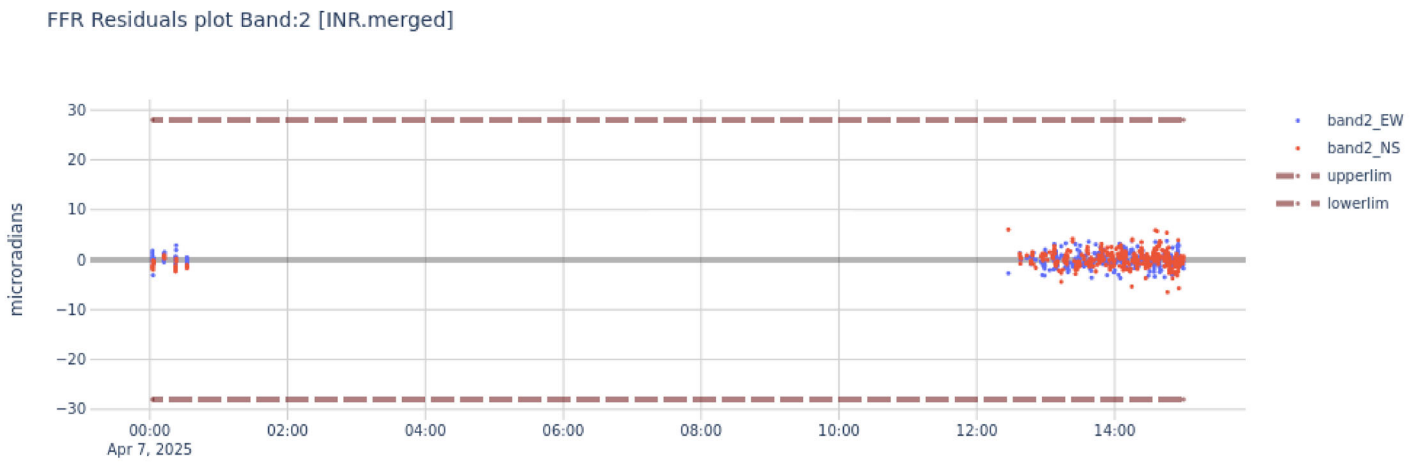
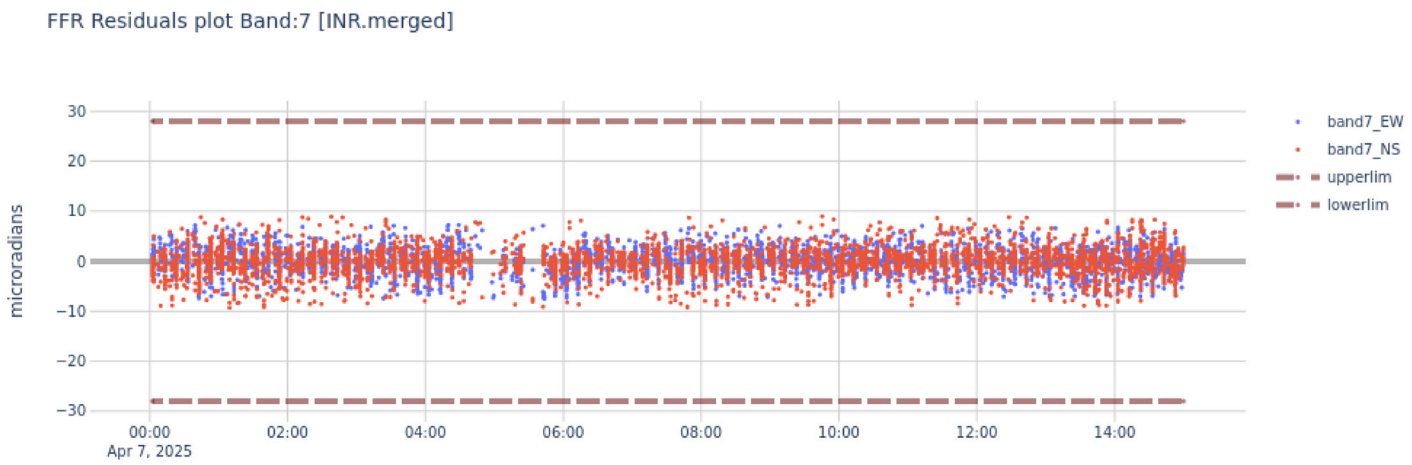
VNIR Daily ABSMEAN+3SIGMA NS



MWIR/LWIR Daily ABSMEAN+3SIGMA NS



FFR Residuals Band:2



FFR Residuals Band:7