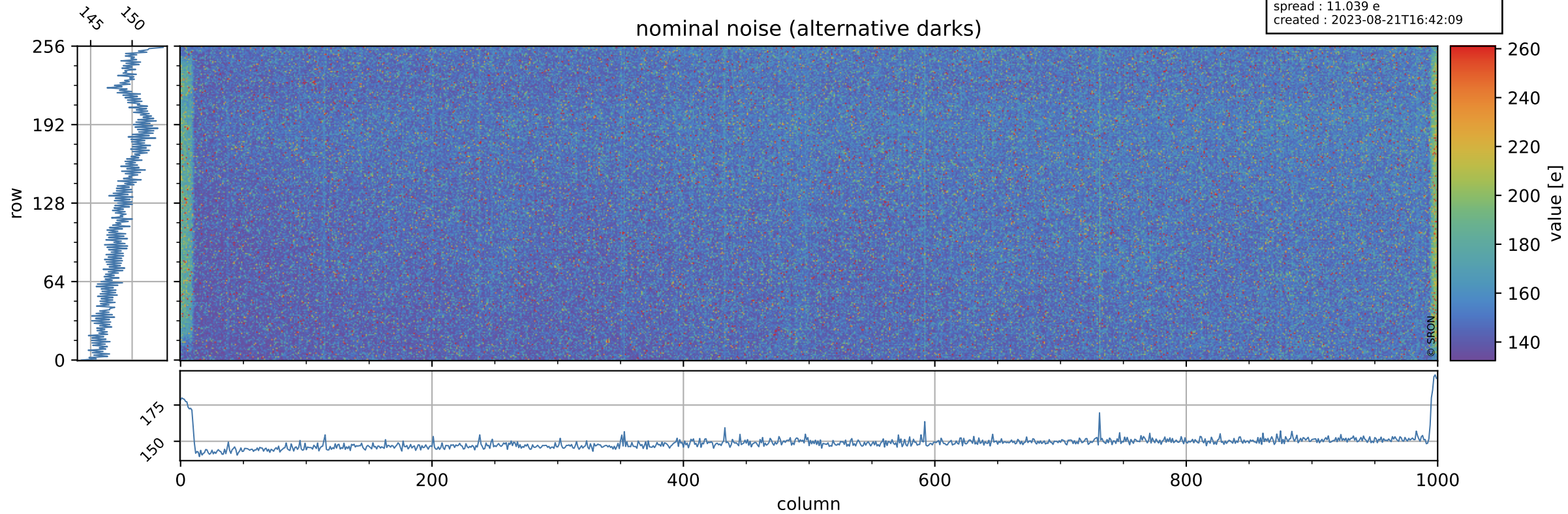


Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.039 e
created : 2023-08-21T16:42:09

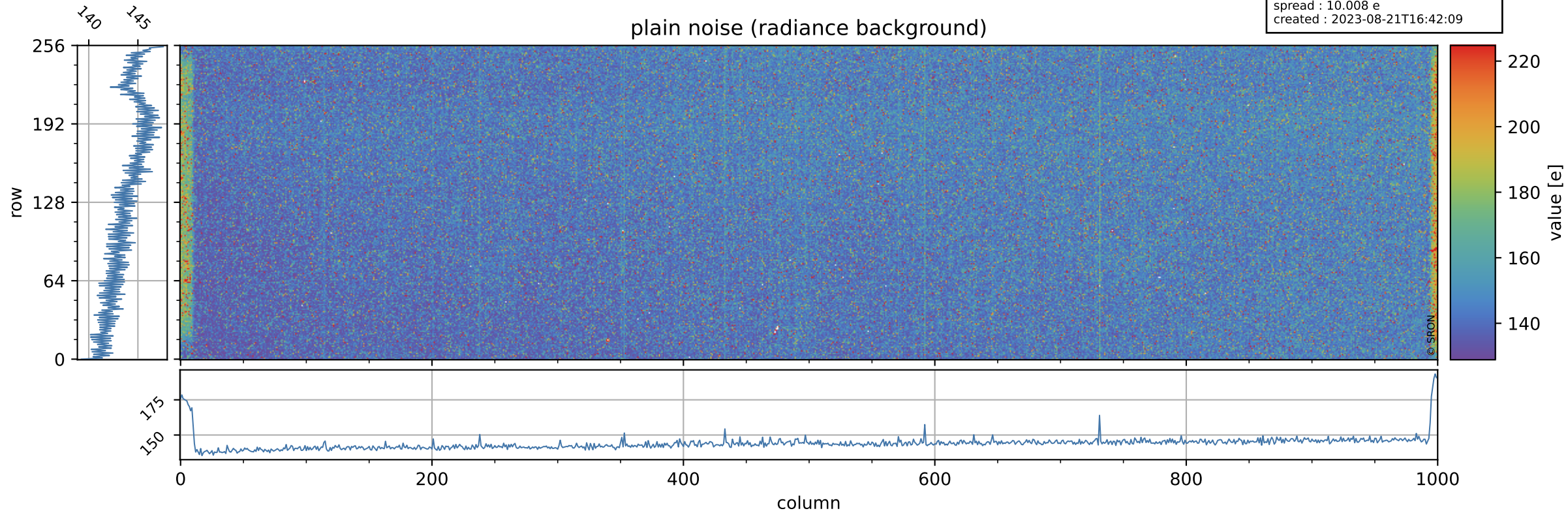
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 10.008 e
created : 2023-08-21T16:42:09

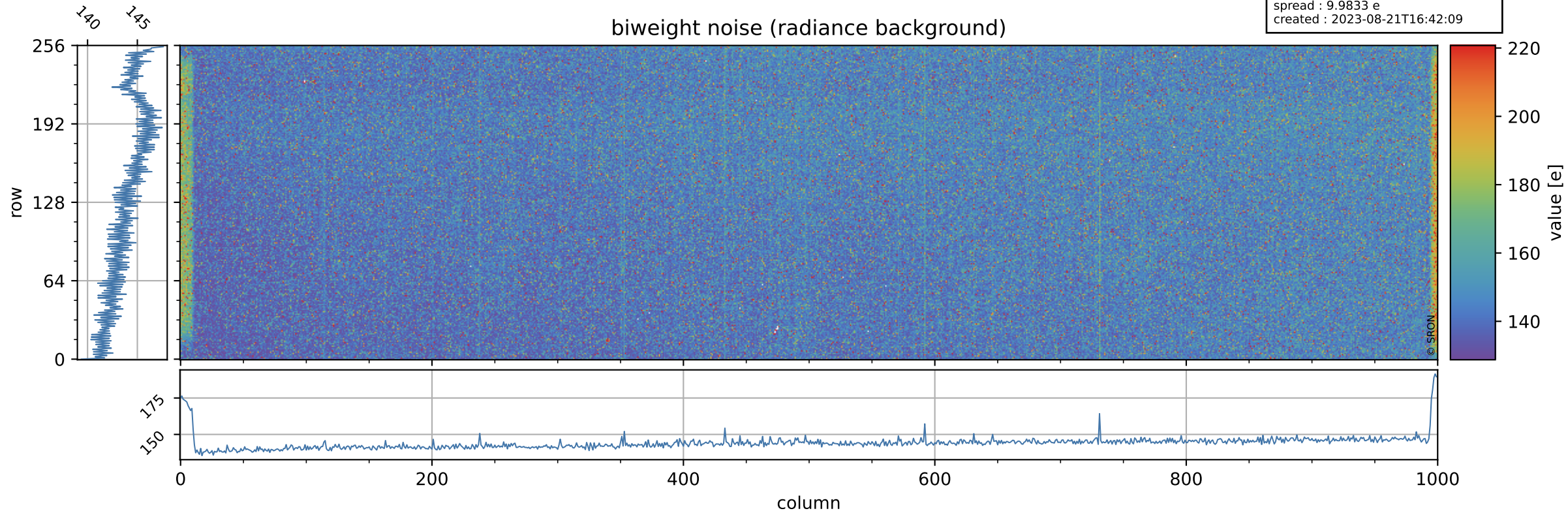
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9833 e
created : 2023-08-21T16:42:09

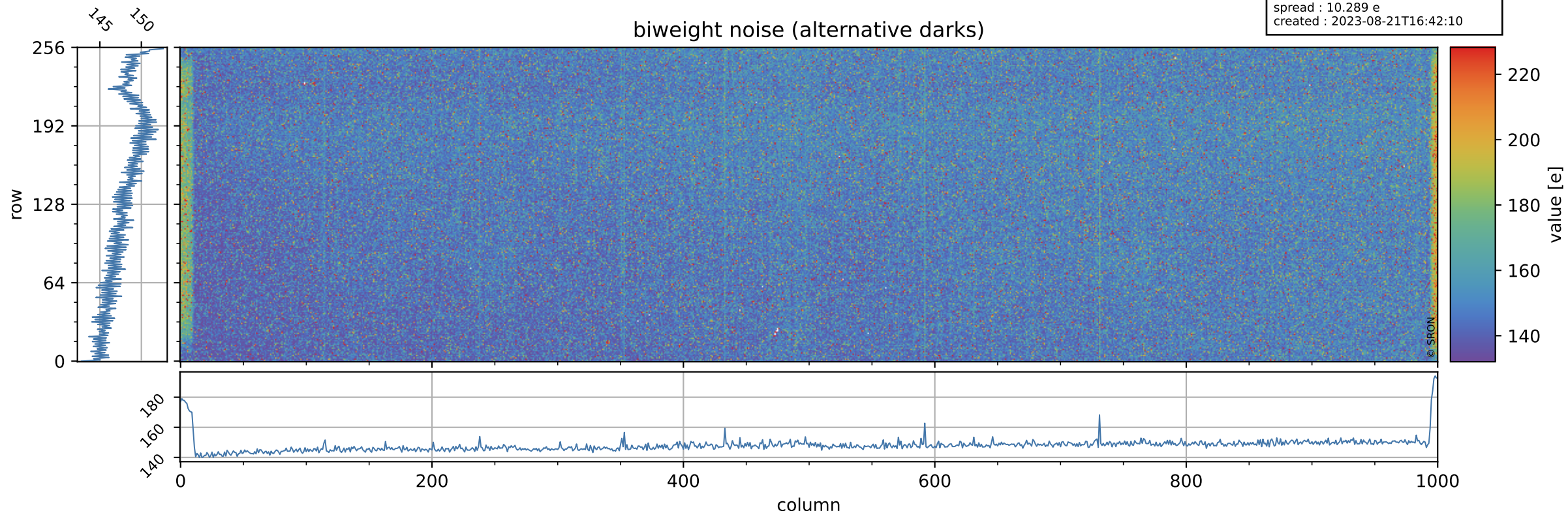
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.289 e
created : 2023-08-21T16:42:10

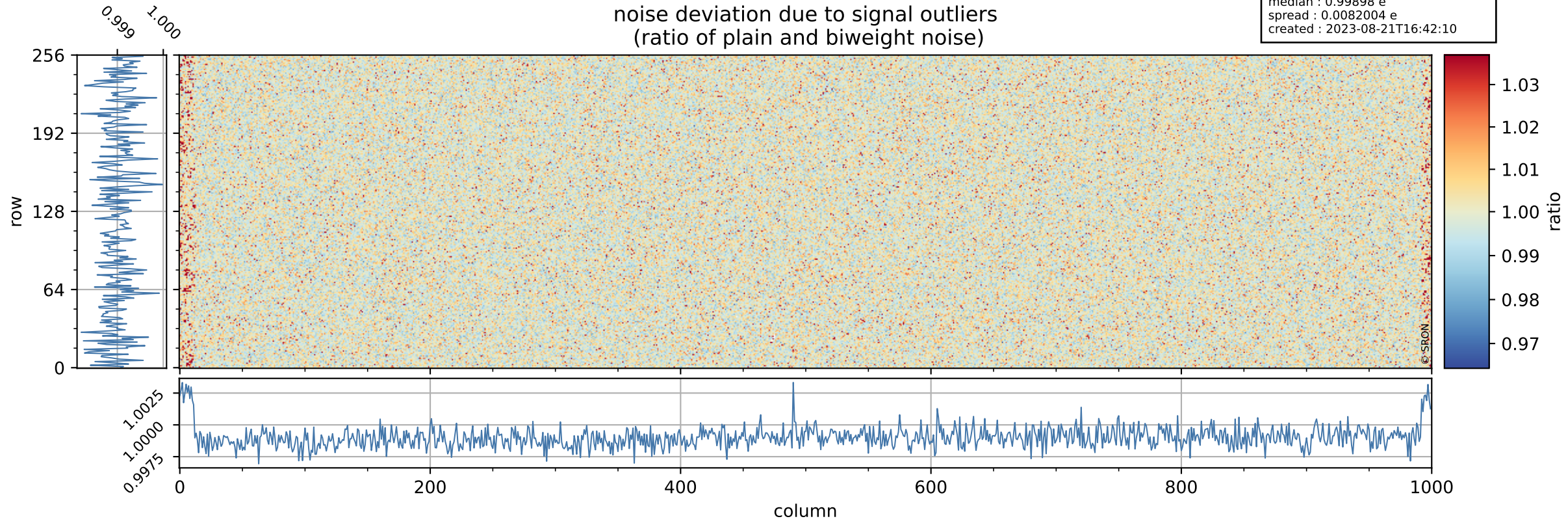
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

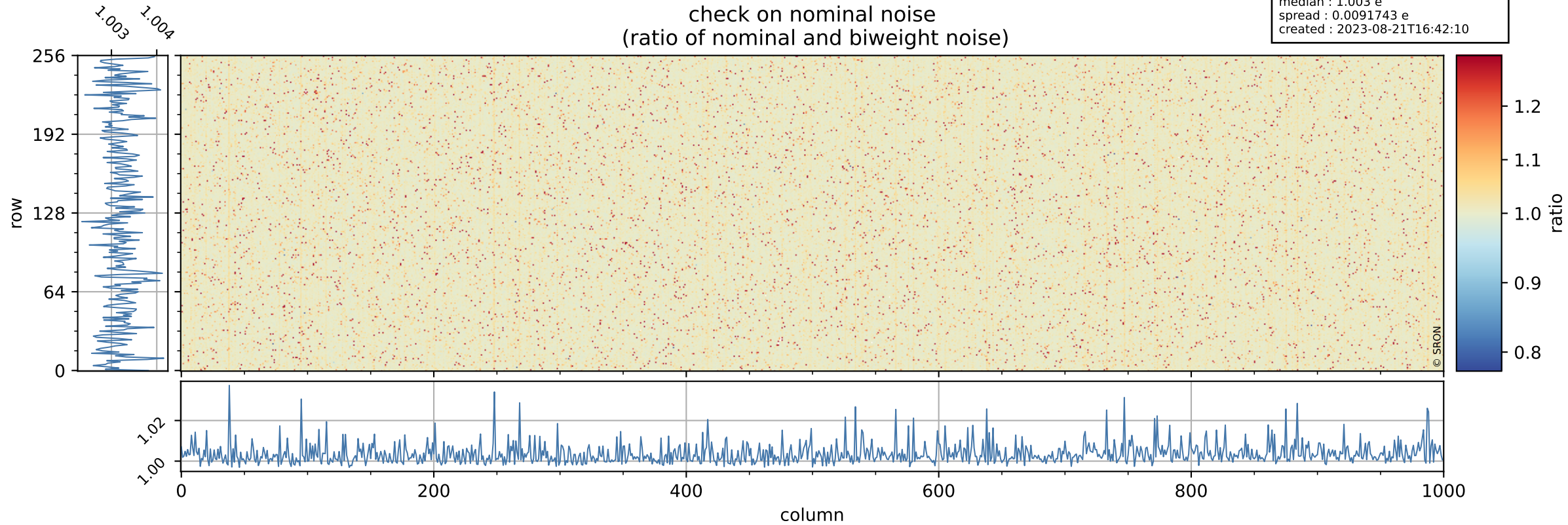
orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
median : 0.99898 e
spread : 0.0082004 e
created : 2023-08-21T16:42:10



Tropomi SWIR background noise (swir)

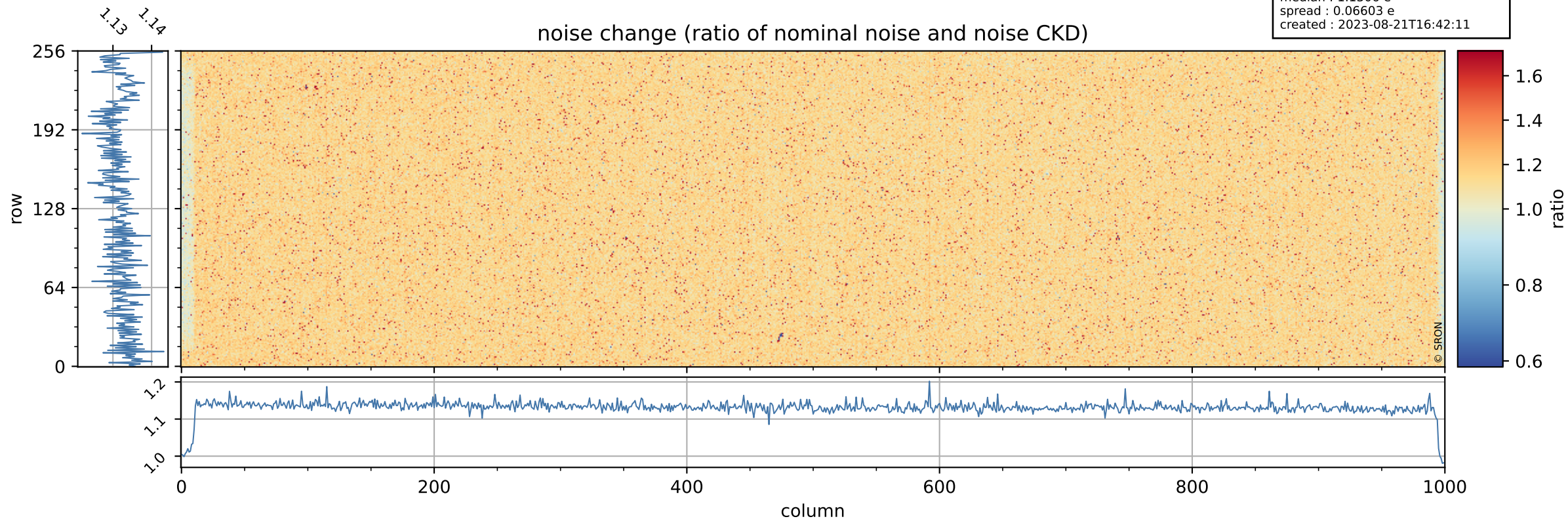
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
median : 1.003 e
spread : 0.0091743 e
created : 2023-08-21T16:42:10



Tropomi SWIR background noise (swir)

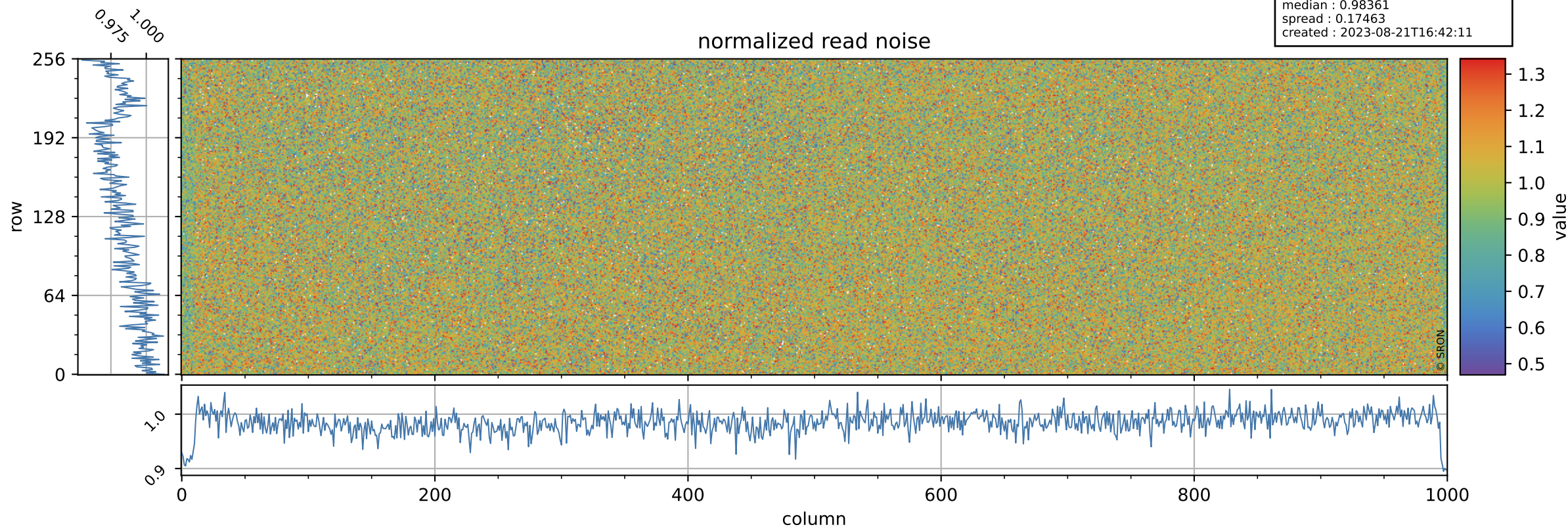
orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
median : 1.1306 e
spread : 0.06603 e
created : 2023-08-21T16:42:11



Tropomi SWIR background noise (swir)

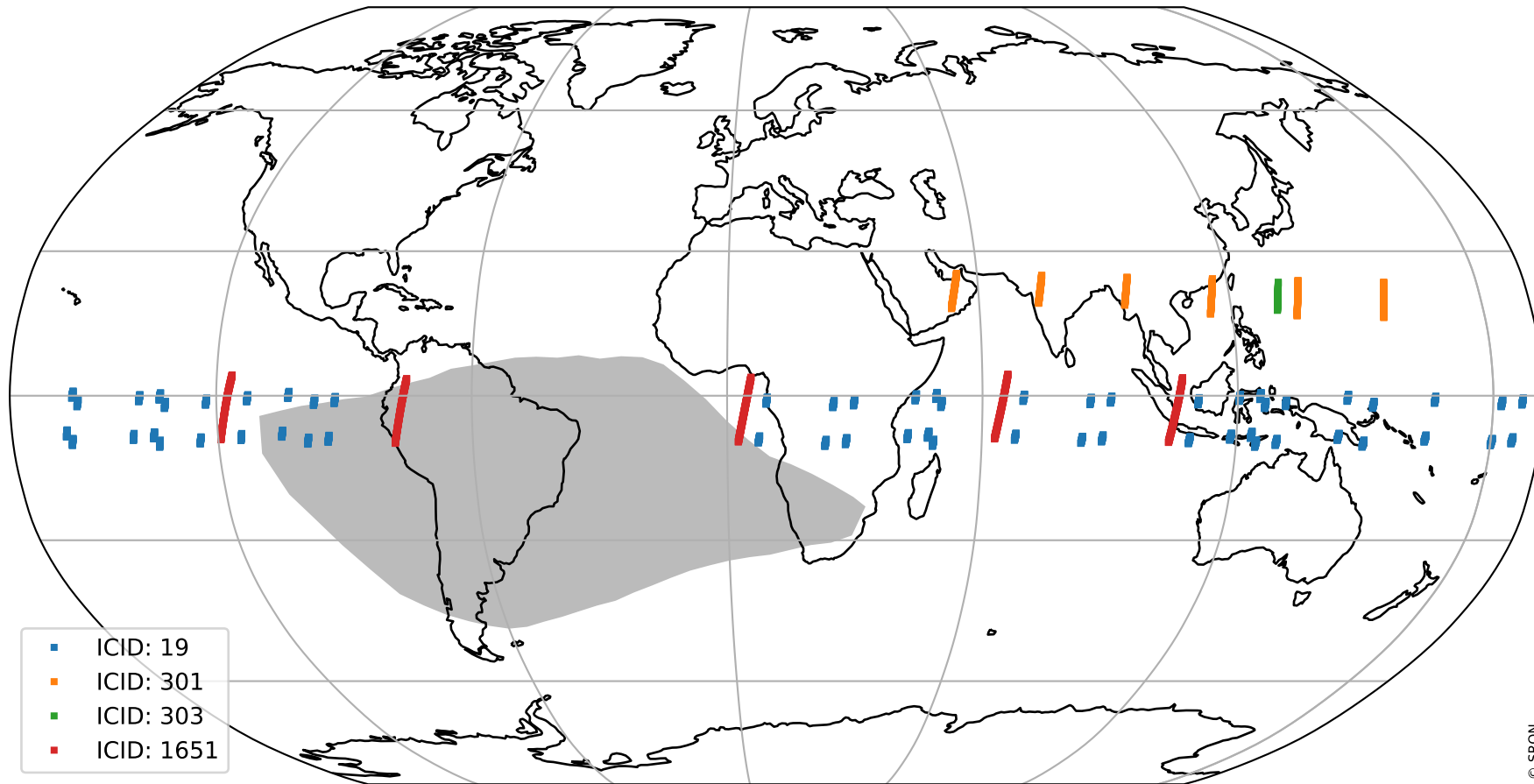
orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
median : 0.98361
spread : 0.17463
created : 2023-08-21T16:42:11

normalized read noise



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

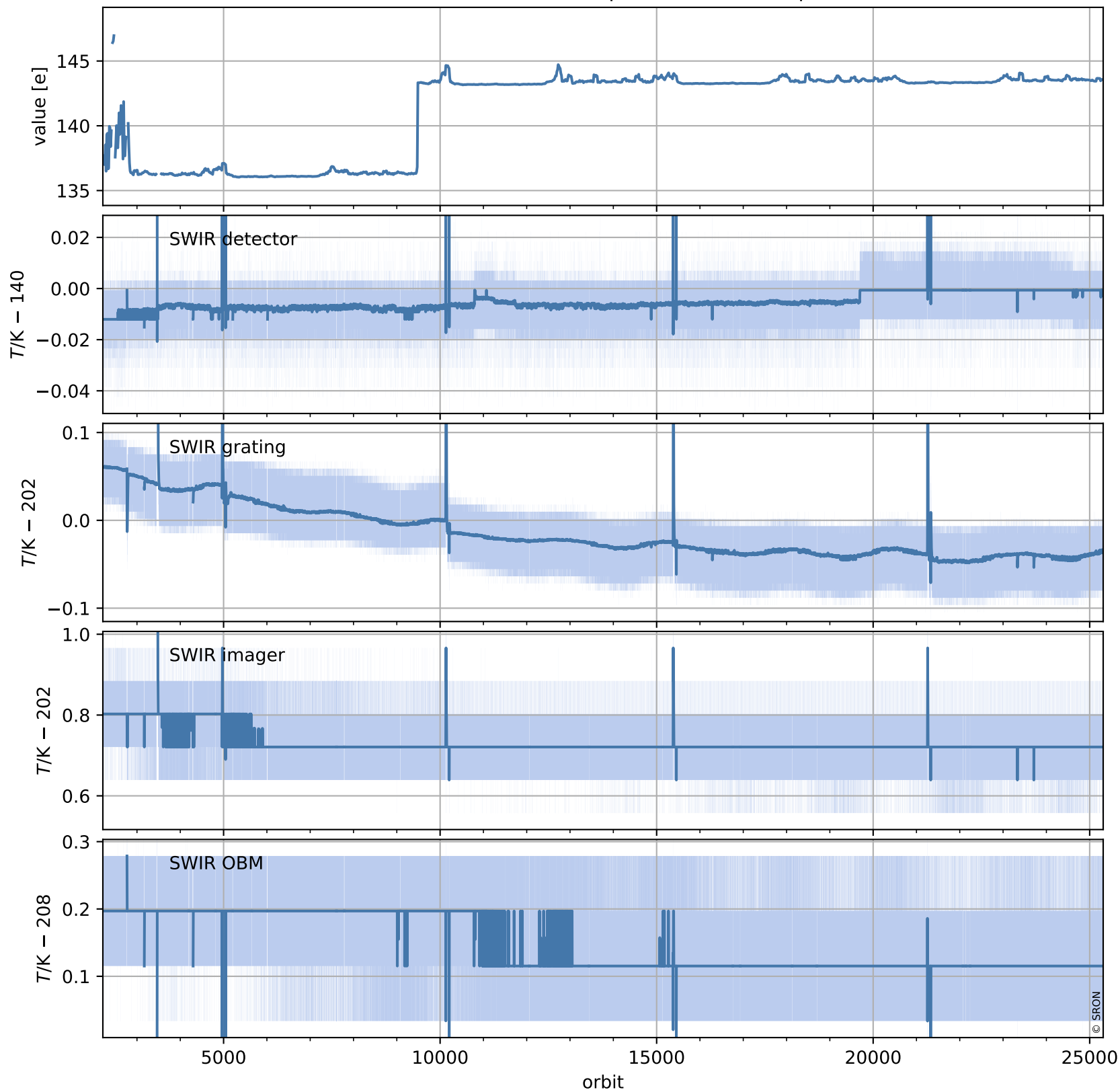
orbits : 12 in [25237, 25312]
coverage : 2022-08-26 / 2022-08-31
created : 2023-08-21T16:42:11



Tropomi SWIR background noise (swir)

orbits : [2212, 25312]
coverage : 2018-03-18 / 2022-08-31
created : 2023-08-21T16:42:12

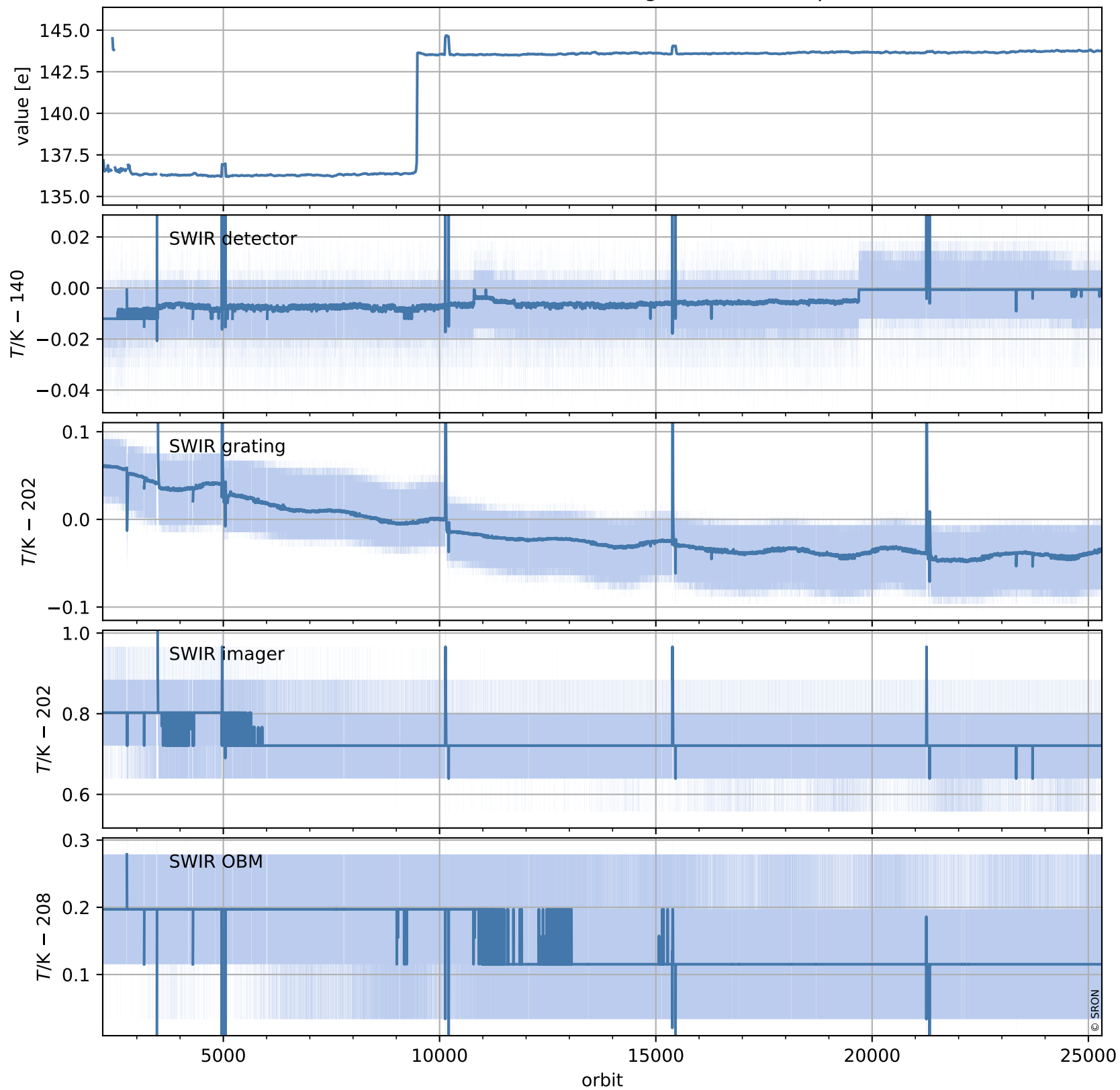
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25312]
coverage : 2018-03-18 / 2022-08-31
created : 2023-08-21T16:42:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25312]
coverage : 2018-03-18 / 2022-08-31
created : 2023-08-21T16:42:13

trend of normalized read-noise & temperatures

