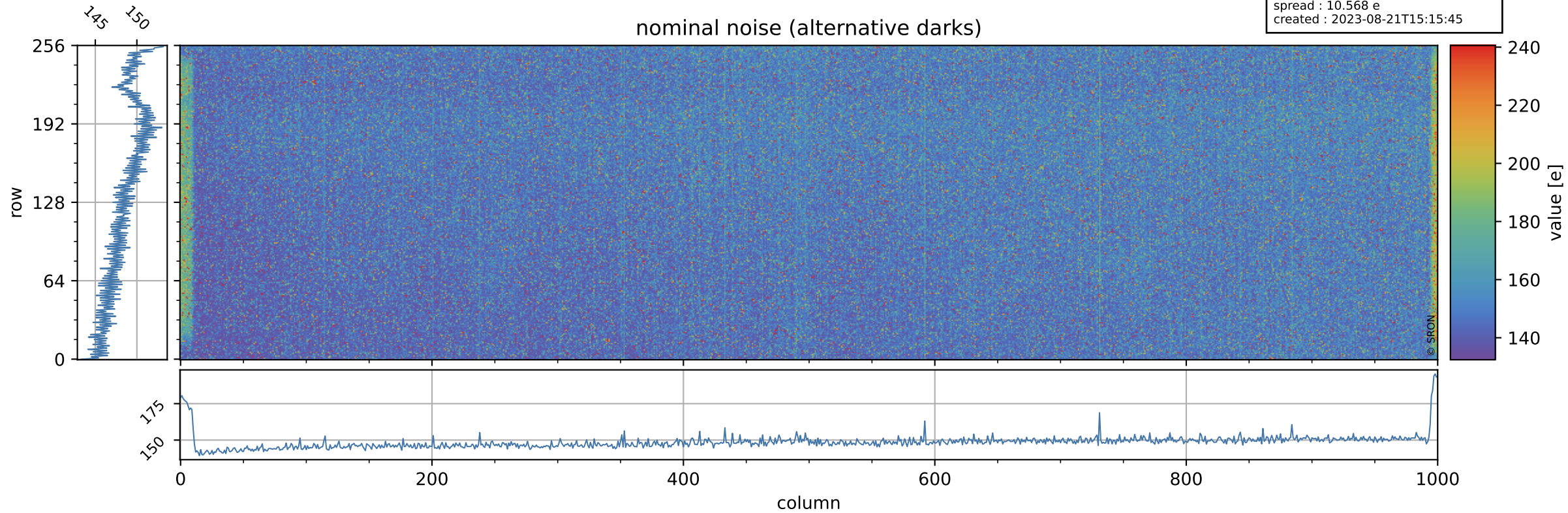


Tropomi SWIR background noise (swir)

orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.568 e
created : 2023-08-21T15:15:45

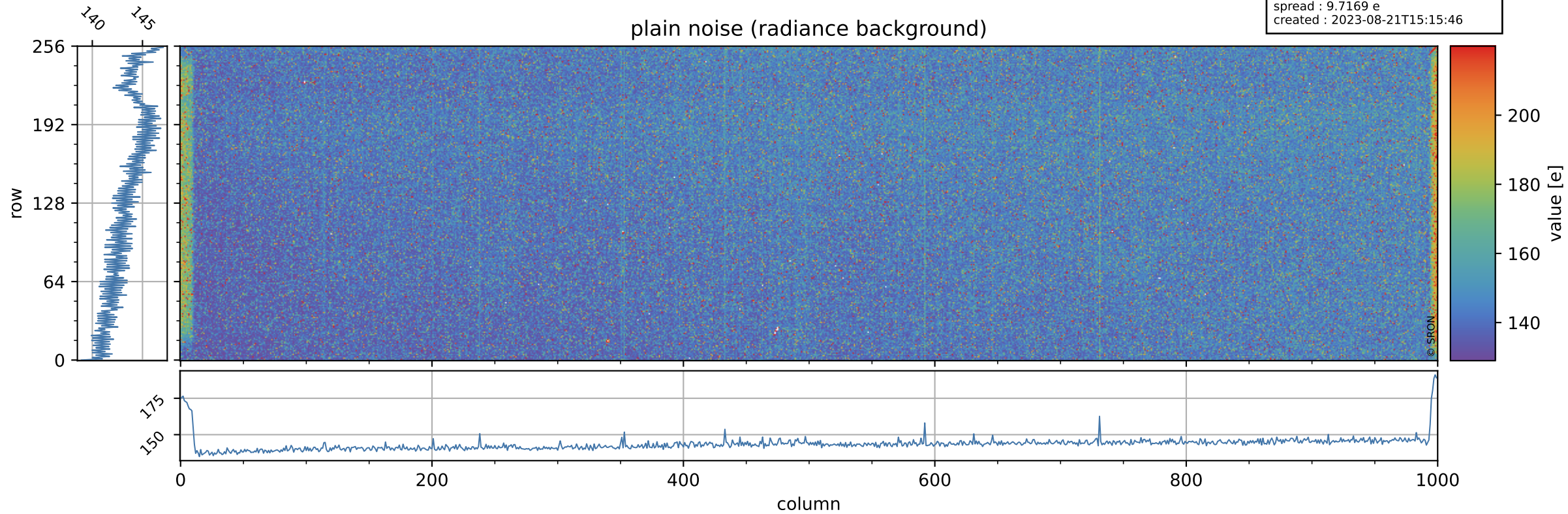
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7169 e
created : 2023-08-21T15:15:46

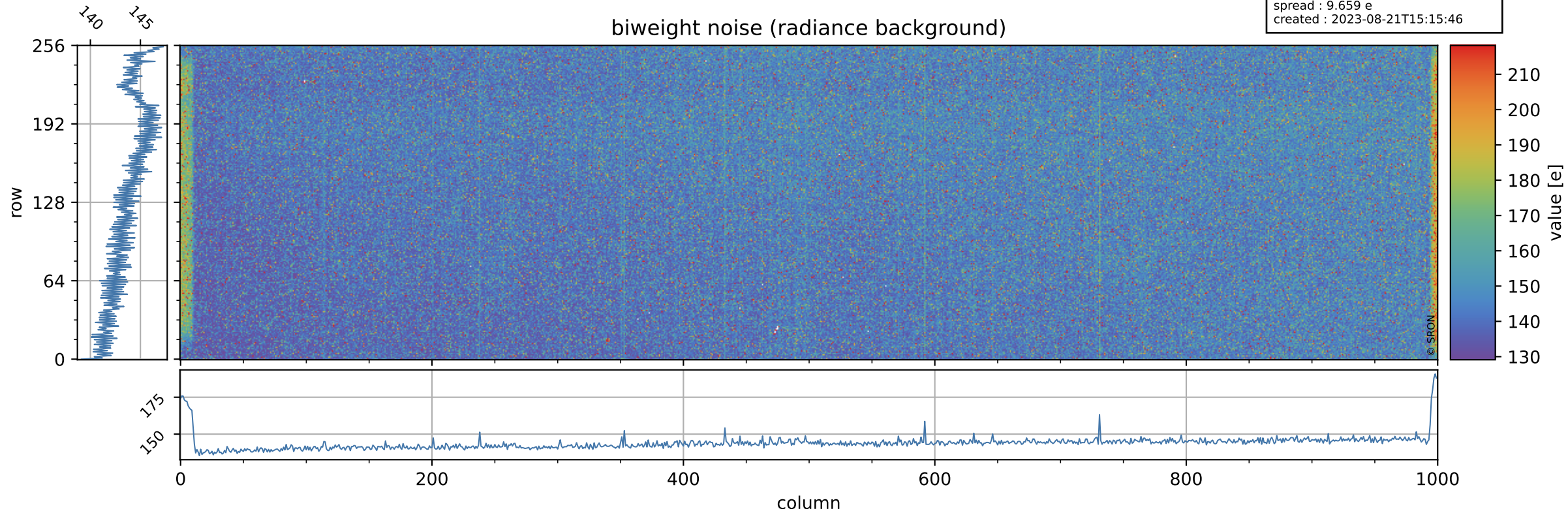
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.659 e
created : 2023-08-21T15:15:46

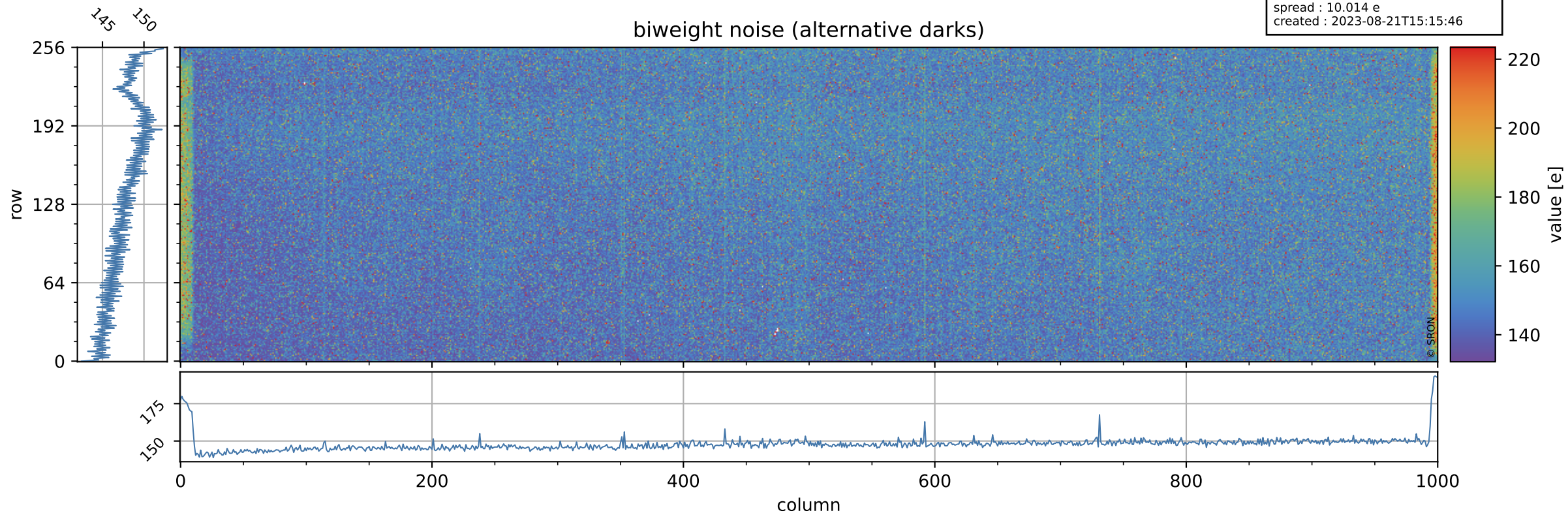
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.014 e
created : 2023-08-21T15:15:46

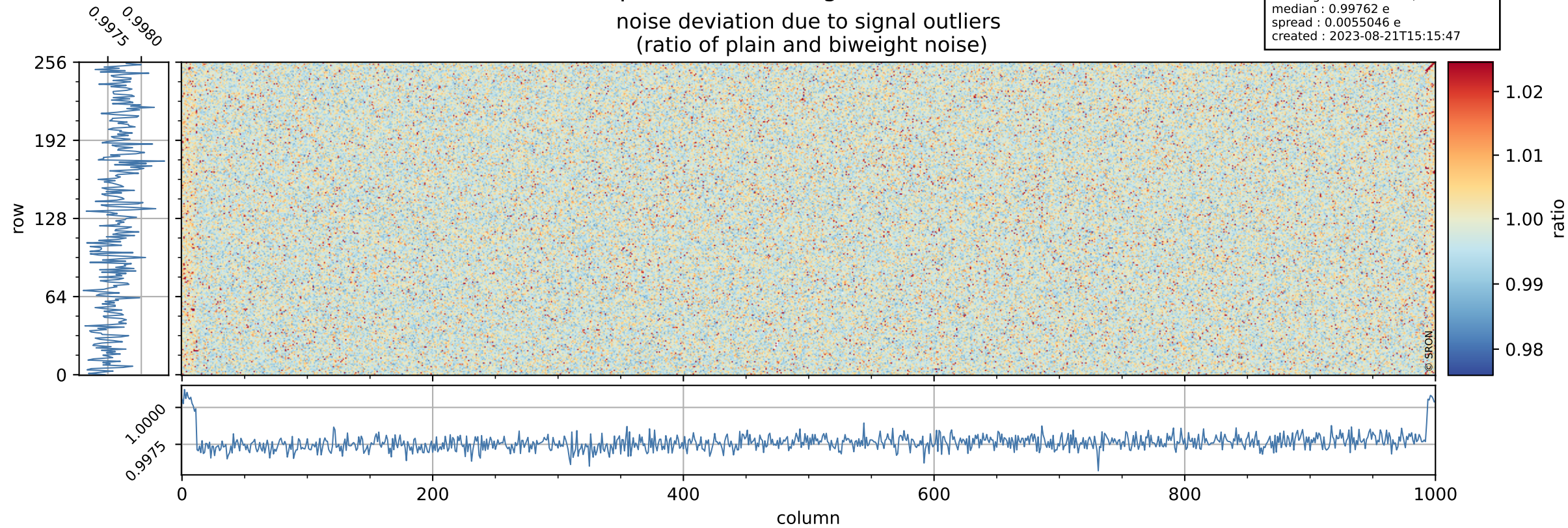
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

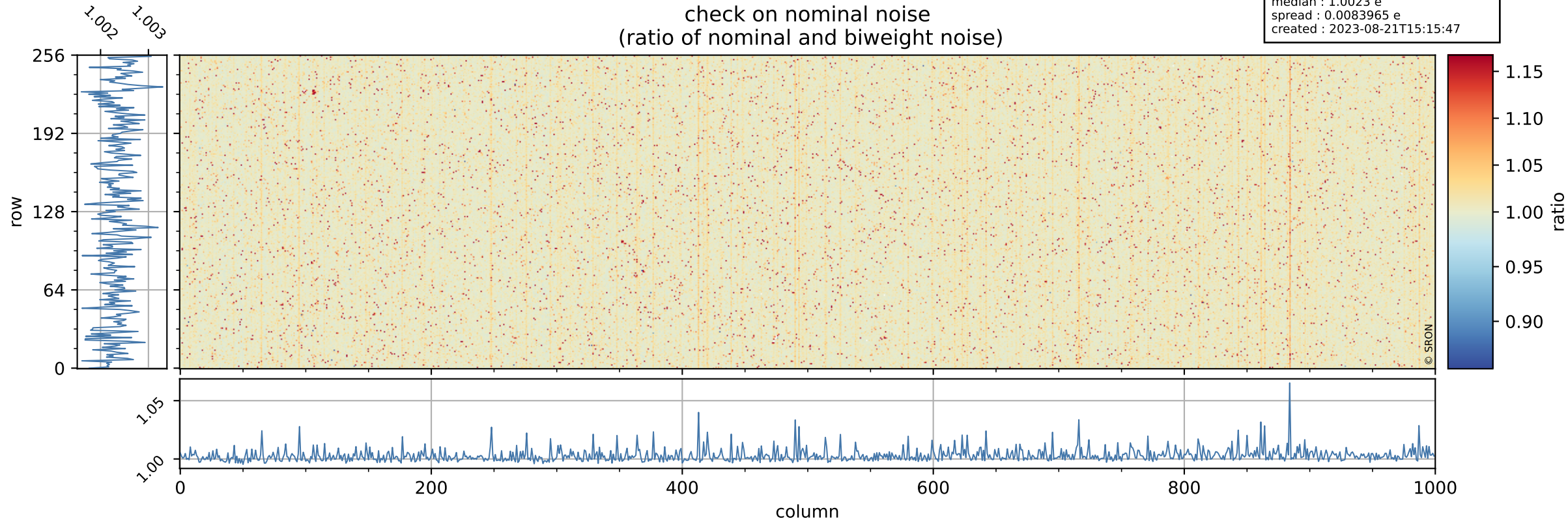
orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
median : 0.99762 e
spread : 0.0055046 e
created : 2023-08-21T15:15:47



Tropomi SWIR background noise (swir)

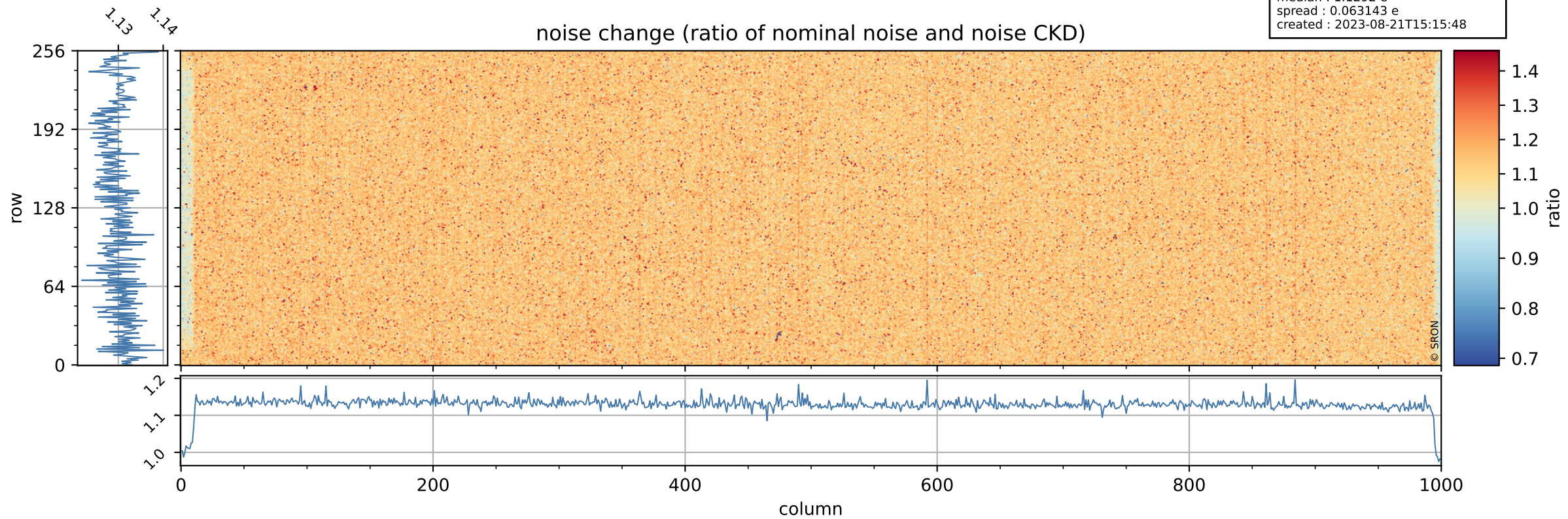
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
median : 1.0023 e
spread : 0.0083965 e
created : 2023-08-21T15:15:47



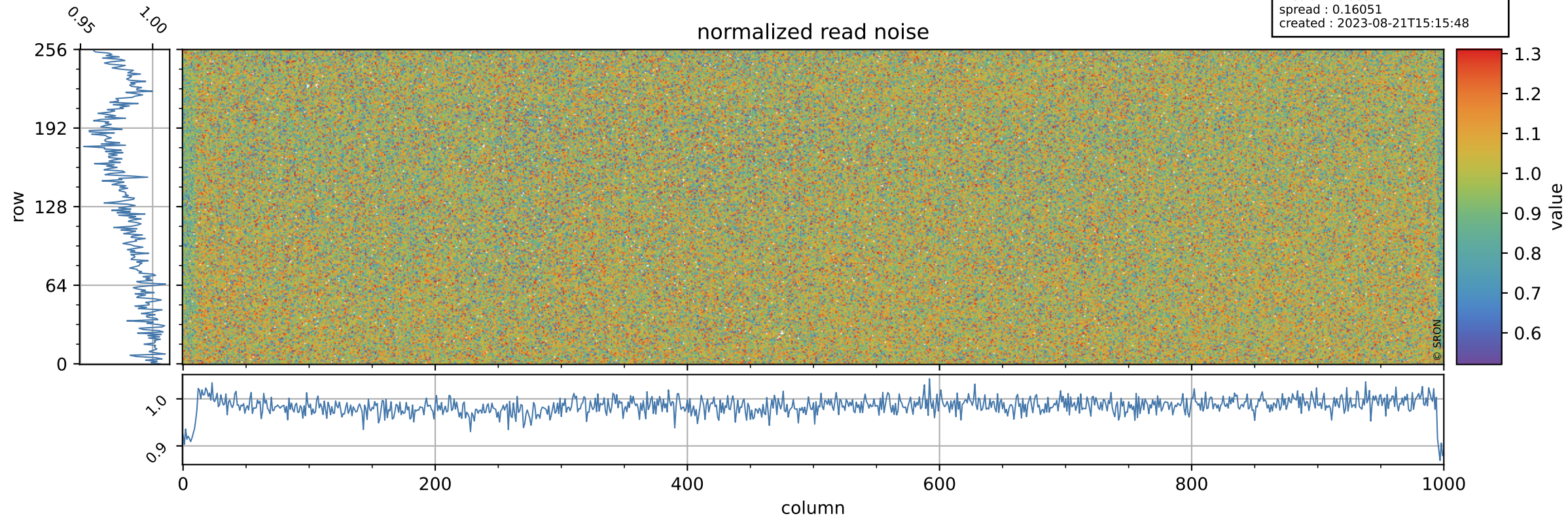
Tropomi SWIR background noise (swir)

orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
median : 1.1292 e
spread : 0.063143 e
created : 2023-08-21T15:15:48



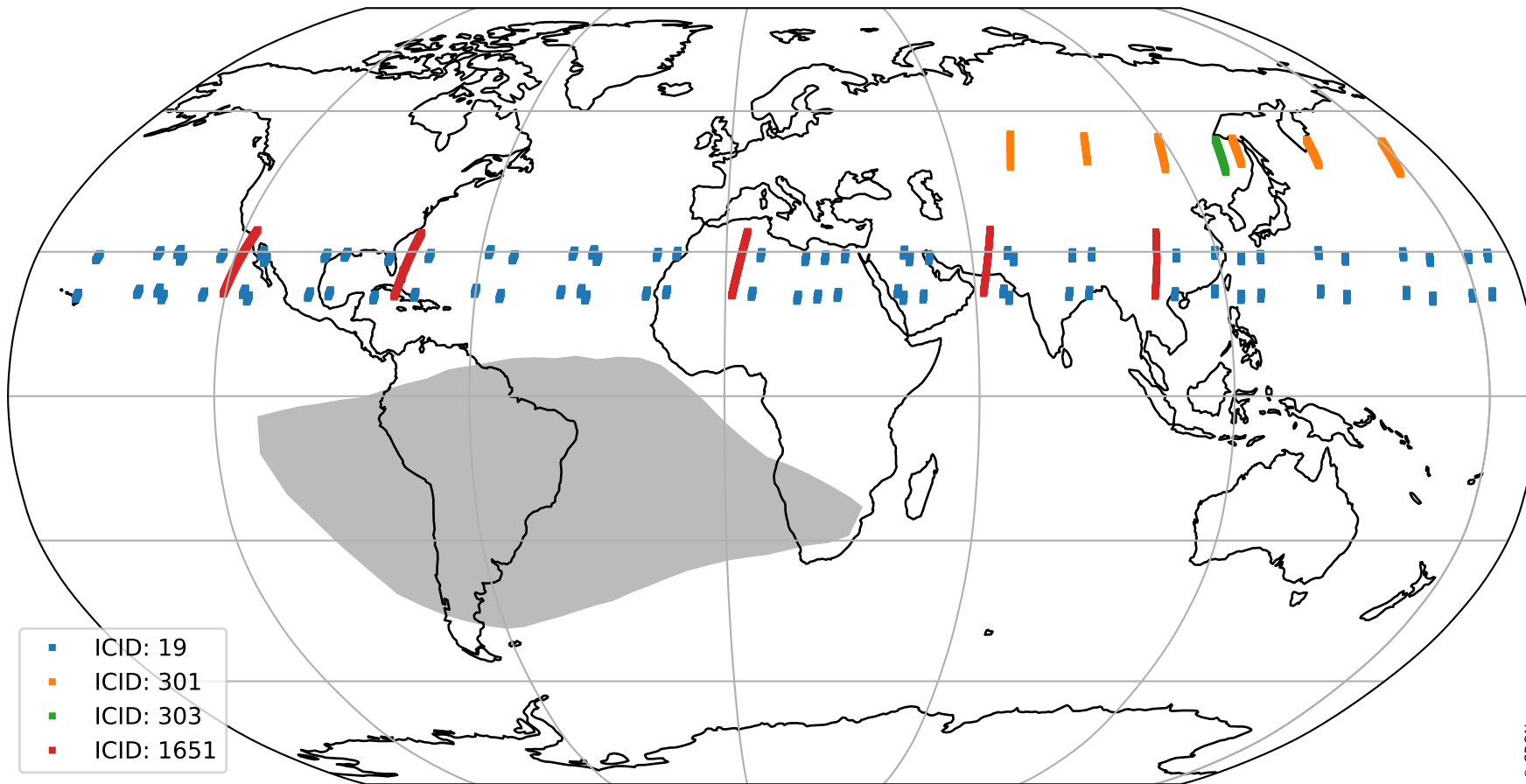
Tropomi SWIR background noise (swir)

orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
median : 0.98311
spread : 0.16051
created : 2023-08-21T15:15:48



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

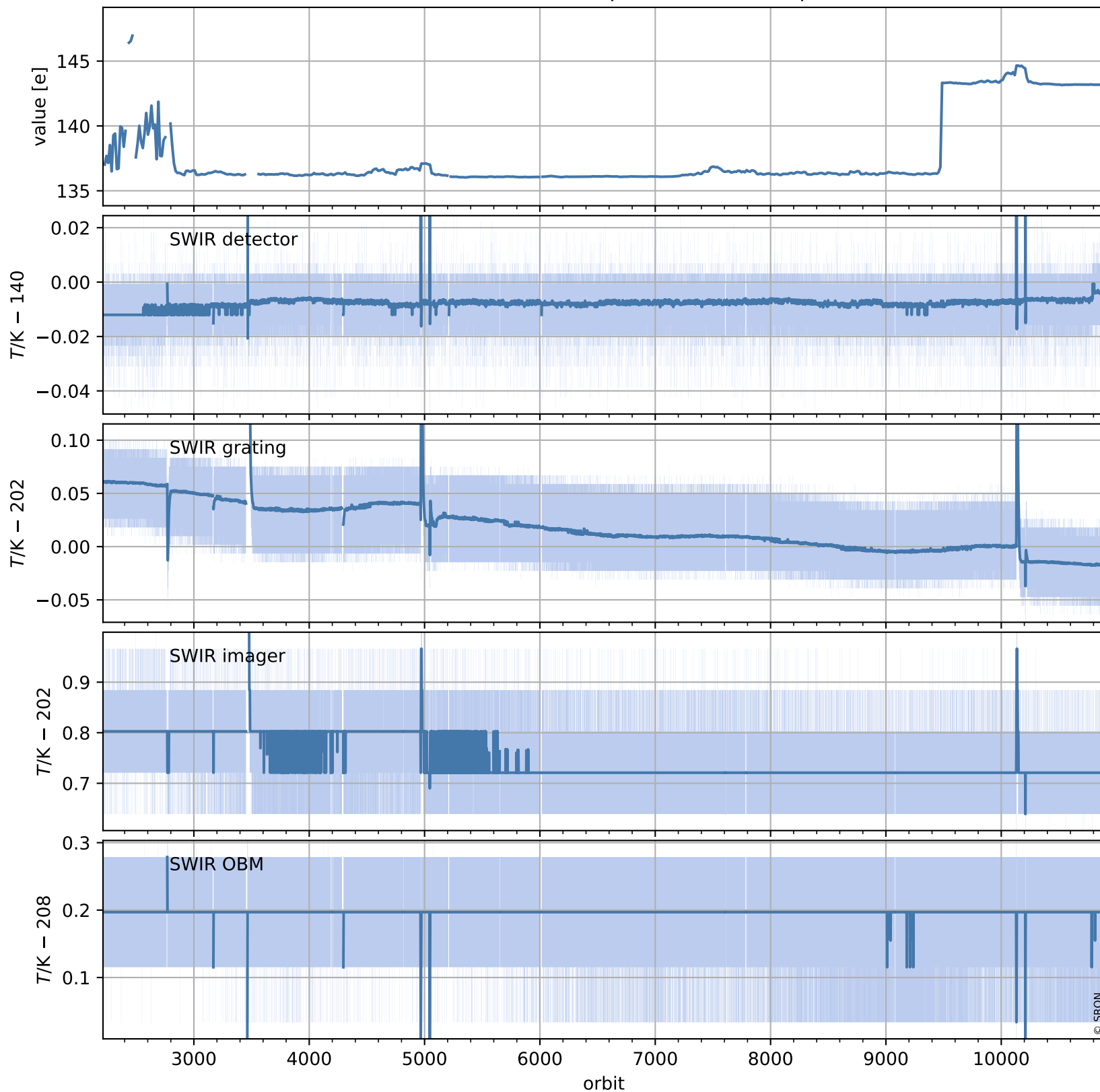
orbits : 12 in [10822, 10897]
coverage : 2019-11-14 / 2019-11-19
created : 2023-08-21T15:15:48



Tropomi SWIR background noise (swir)

orbits : [2212, 10897]
coverage : 2018-03-18 / 2019-11-19
created : 2023-08-21T15:15:49

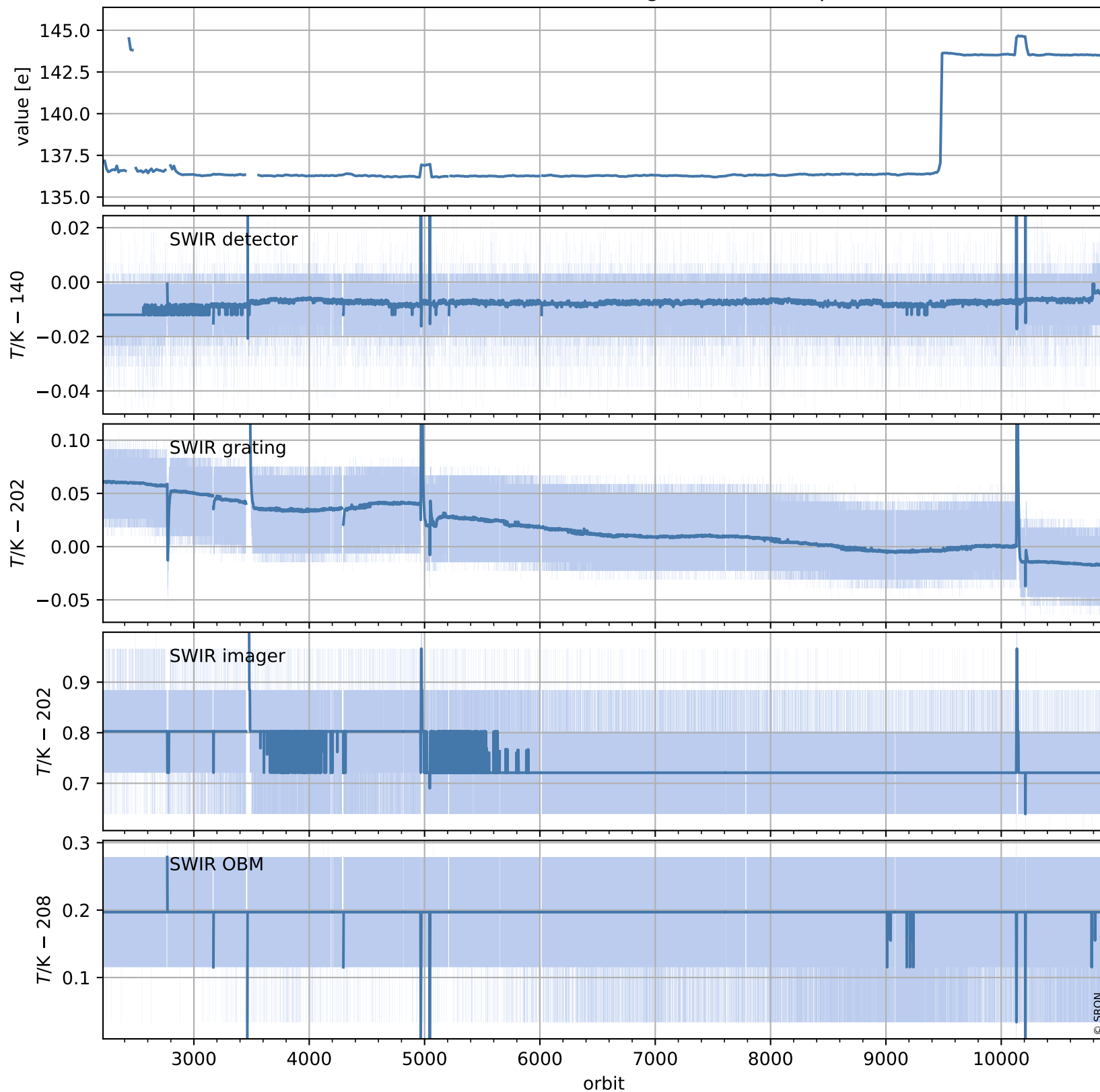
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10897]
coverage : 2018-03-18 / 2019-11-19
created : 2023-08-21T15:15:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10897]
coverage : 2018-03-18 / 2019-11-19
created : 2023-08-21T15:15:51

trend of normalized read-noise & temperatures

