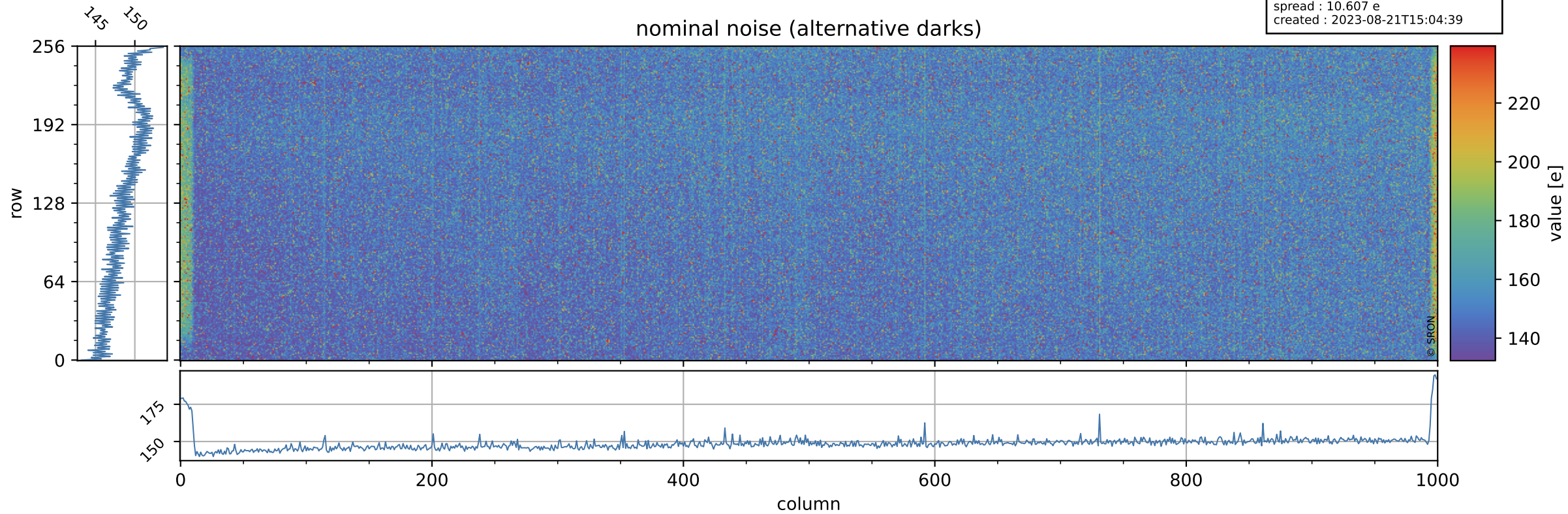


Tropomi SWIR background noise (swir)

orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.607 e
created : 2023-08-21T15:04:39

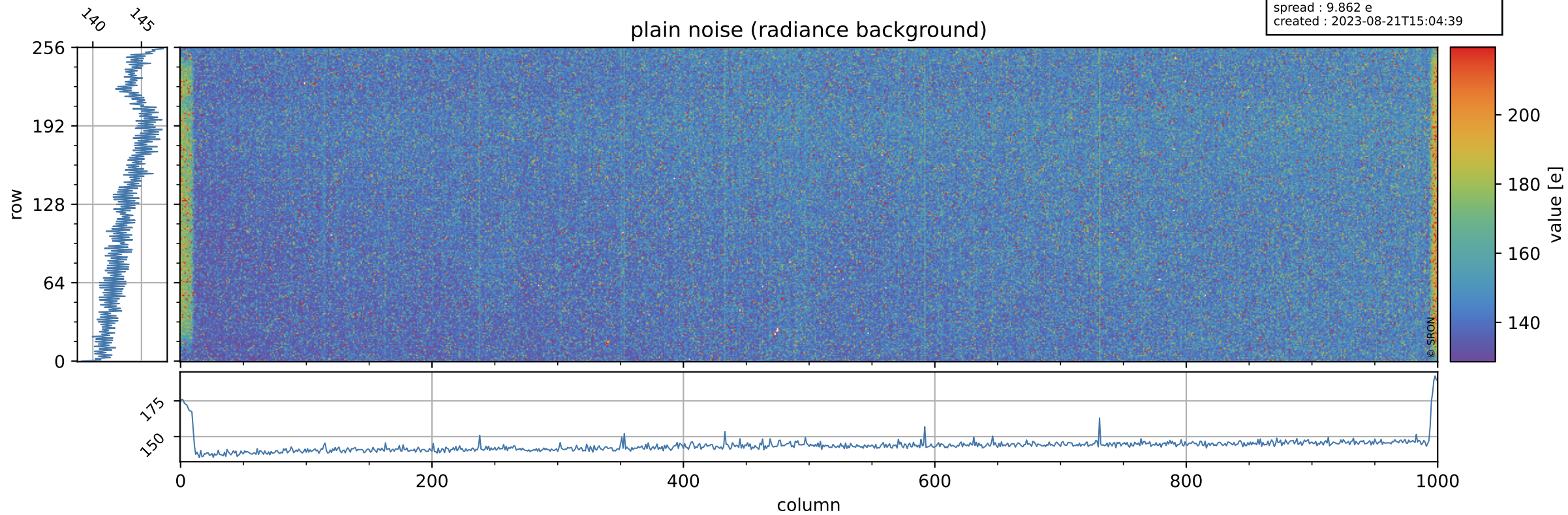
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.862 e
created : 2023-08-21T15:04:39

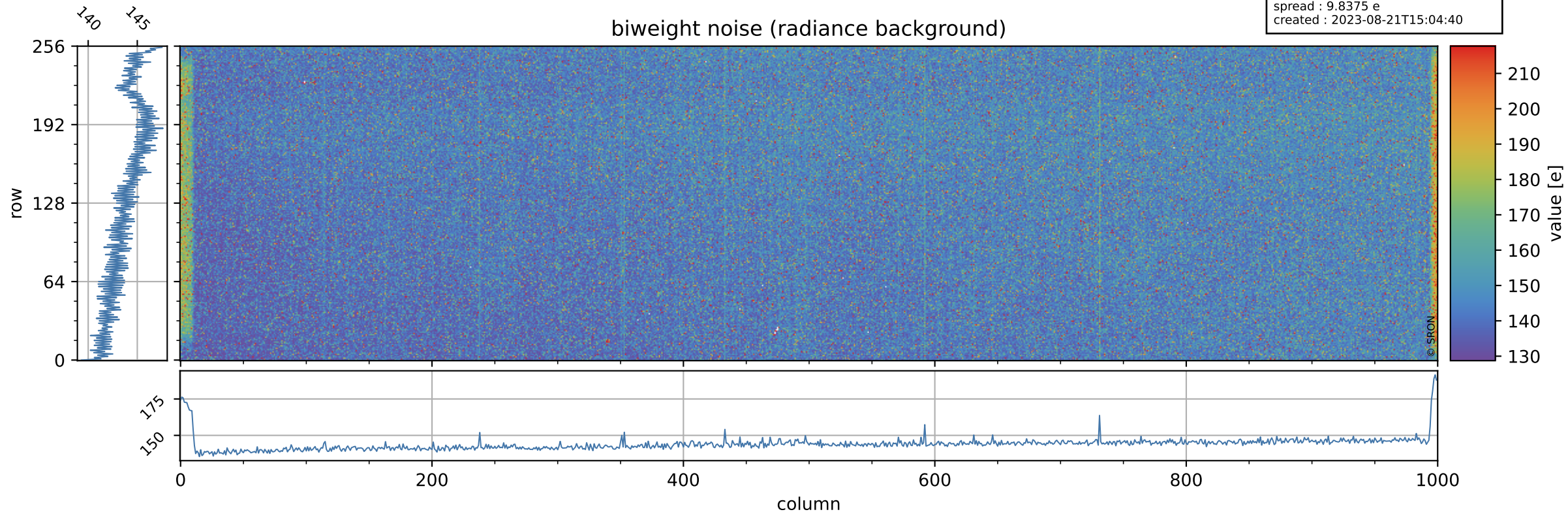
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.8375 e
created : 2023-08-21T15:04:40

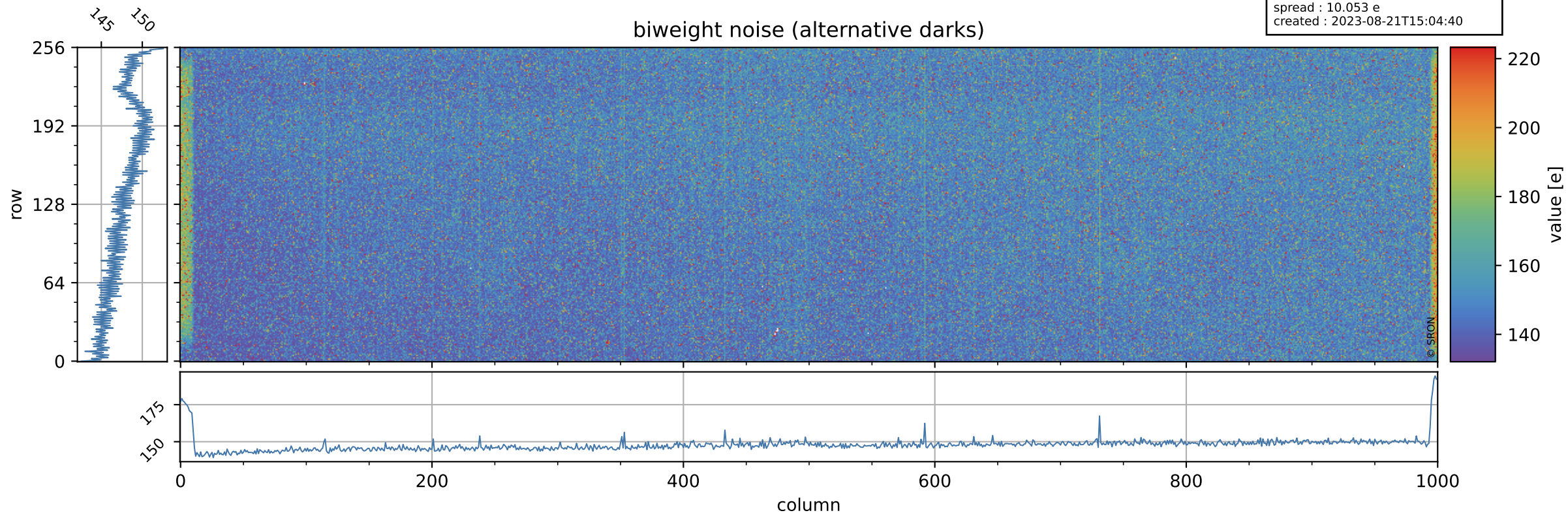
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.053 e
created : 2023-08-21T15:04:40

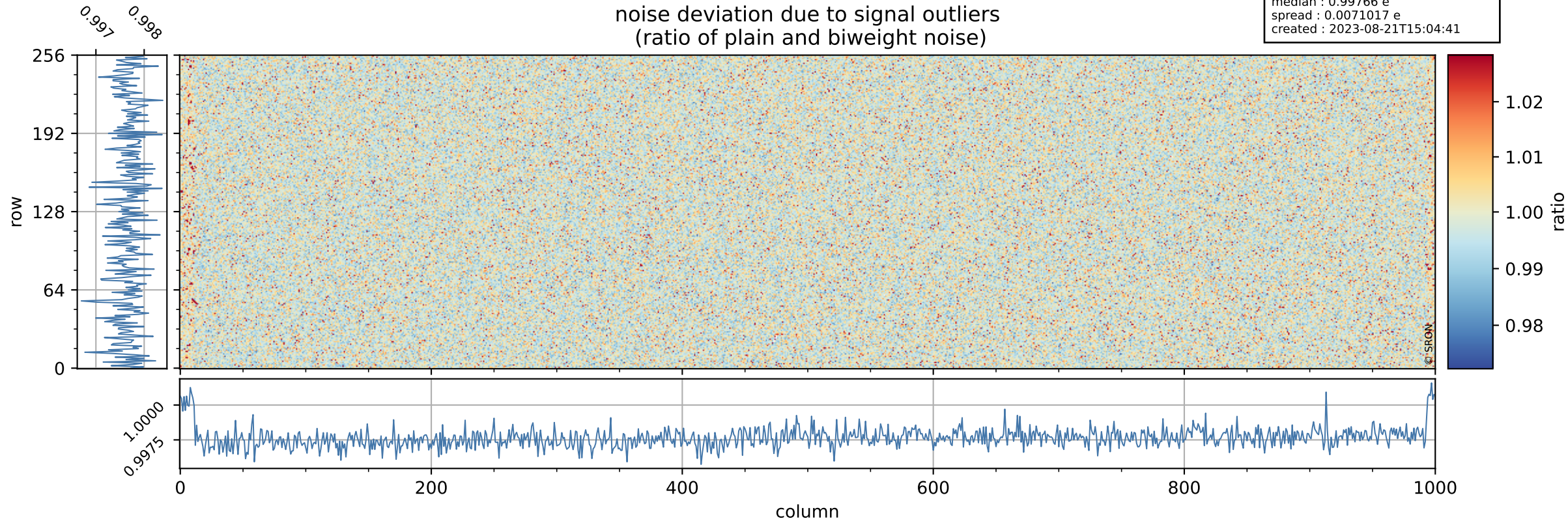
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

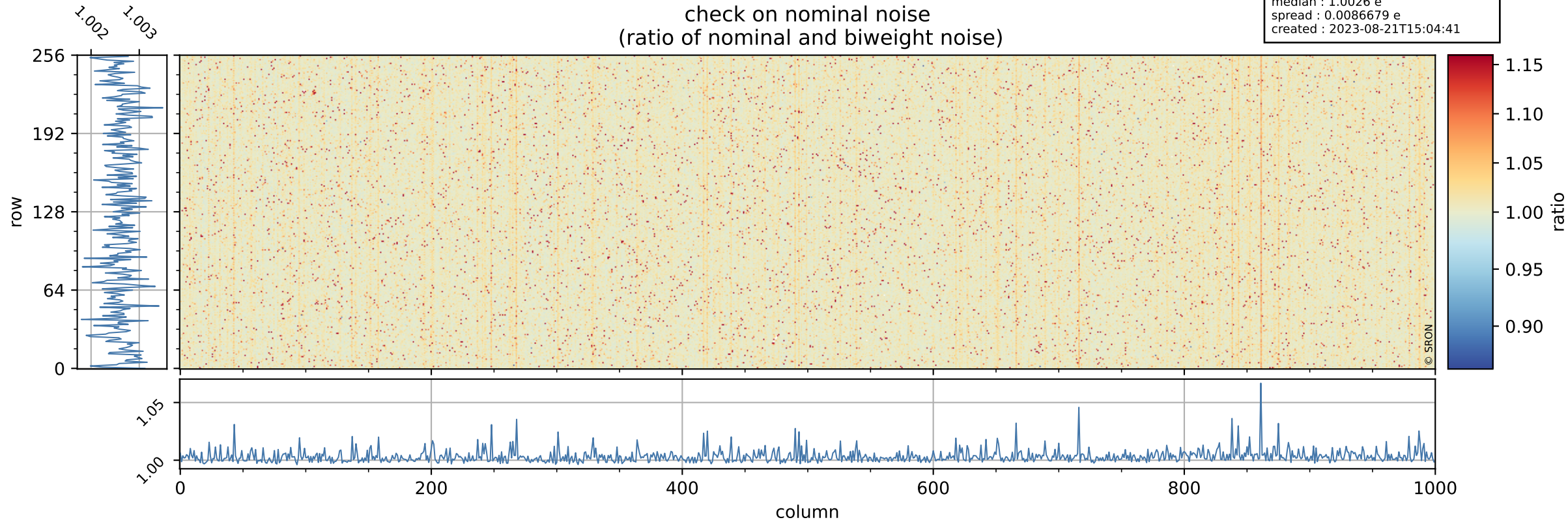
orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
median : 0.99766 e
spread : 0.0071017 e
created : 2023-08-21T15:04:41



Tropomi SWIR background noise (swir)

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

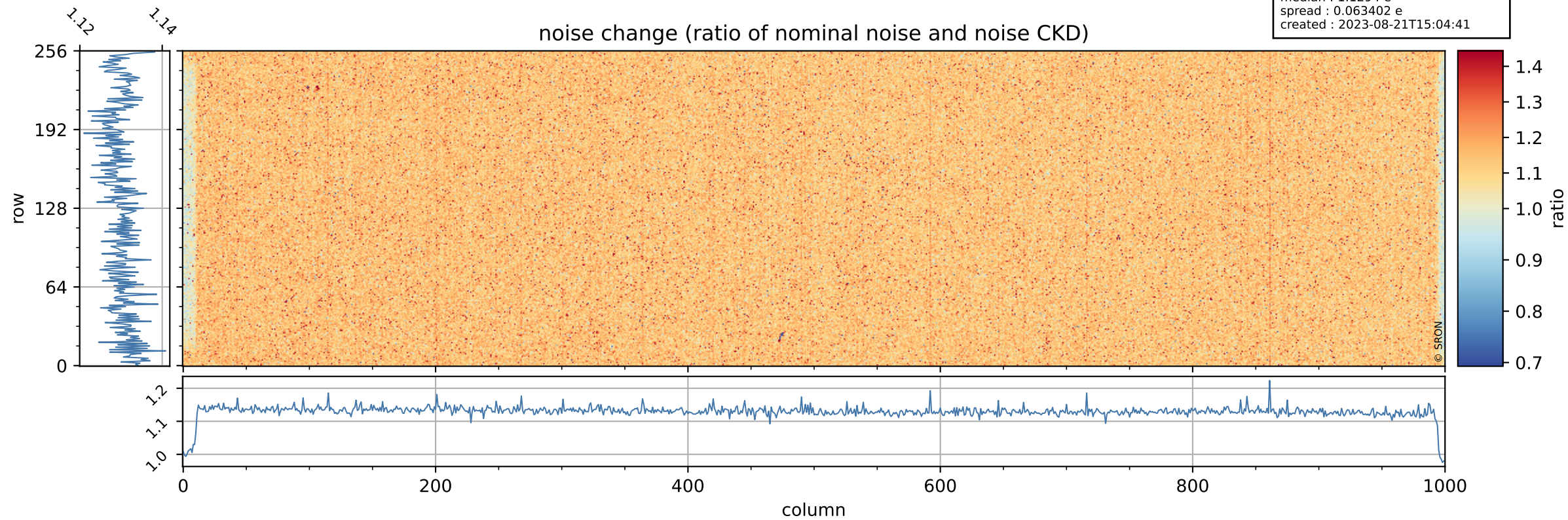
orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
median : 1.0026 e
spread : 0.0086679 e
created : 2023-08-21T15:04:41



Tropomi SWIR background noise (swir)

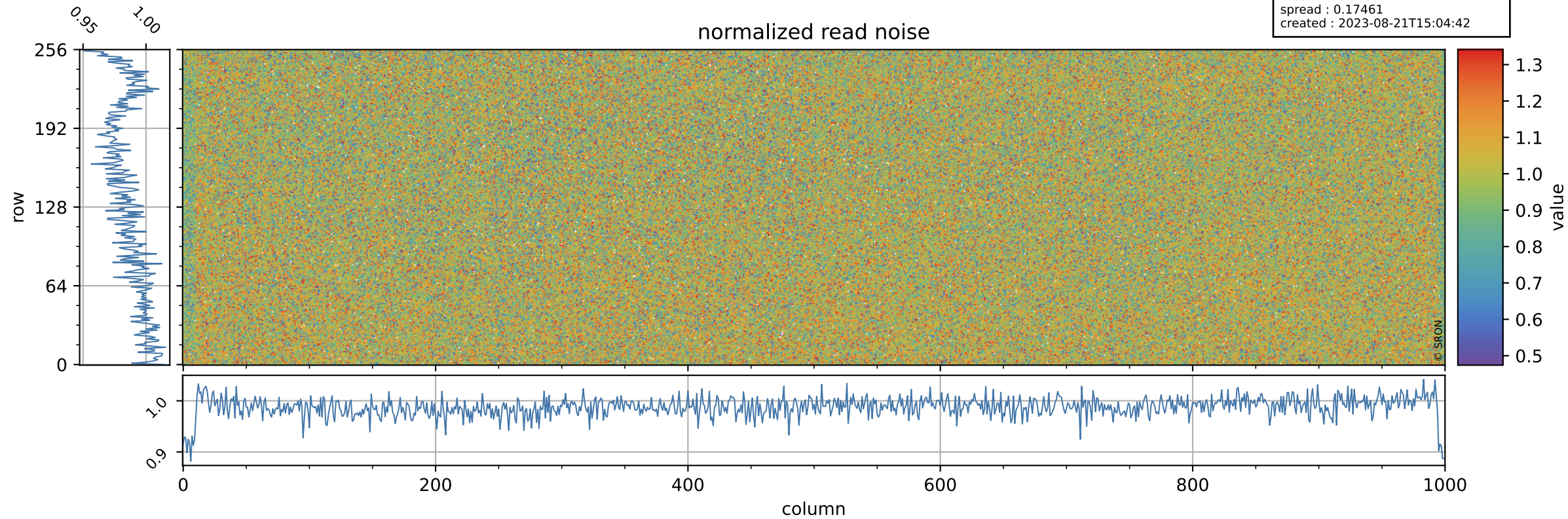
orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
median : 1.1294 e
spread : 0.063402 e
created : 2023-08-21T15:04:41

noise change (ratio of nominal noise and noise CKD)



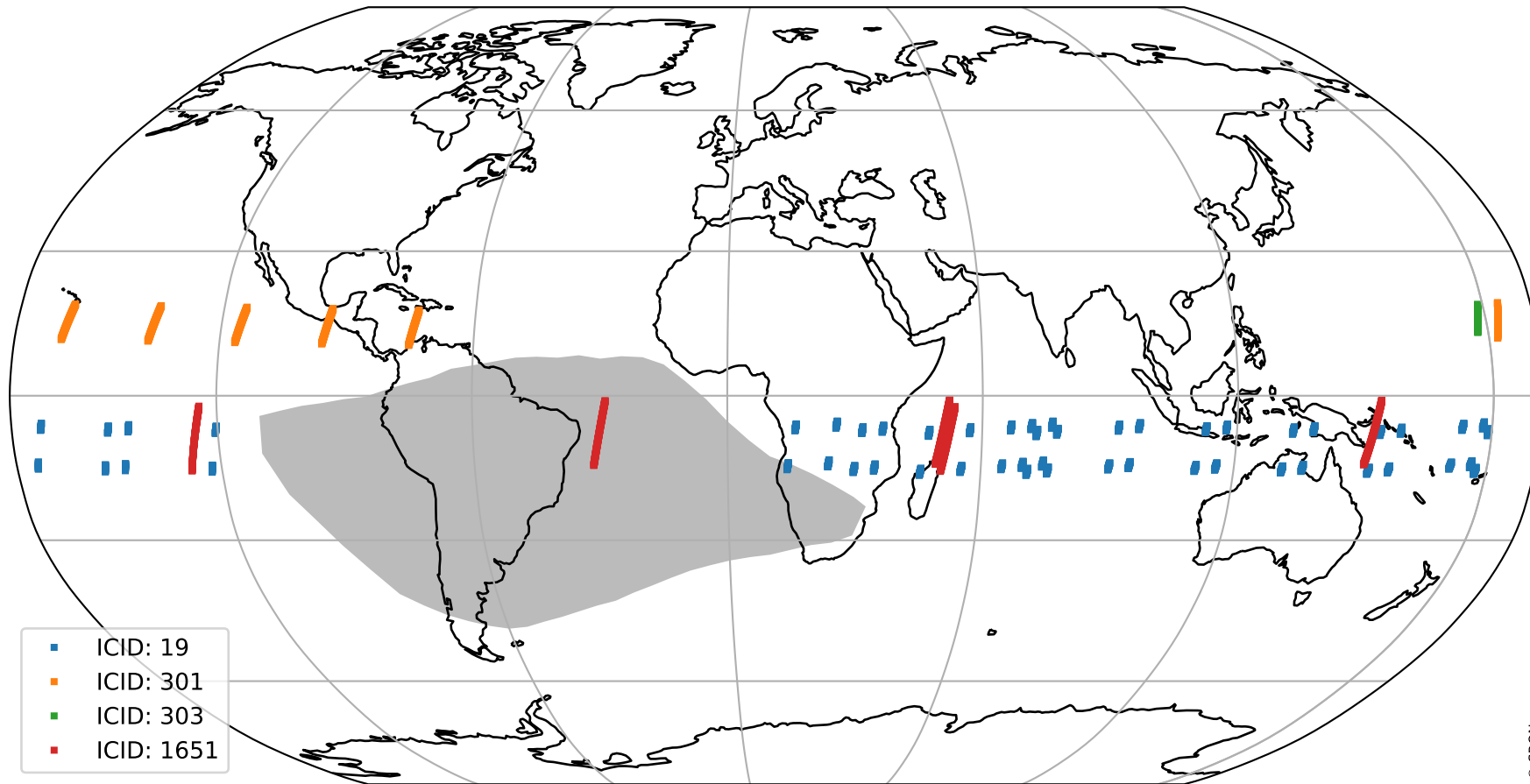
Tropomi SWIR background noise (swir)

orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
median : 0.98594
spread : 0.17461
created : 2023-08-21T15:04:42



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

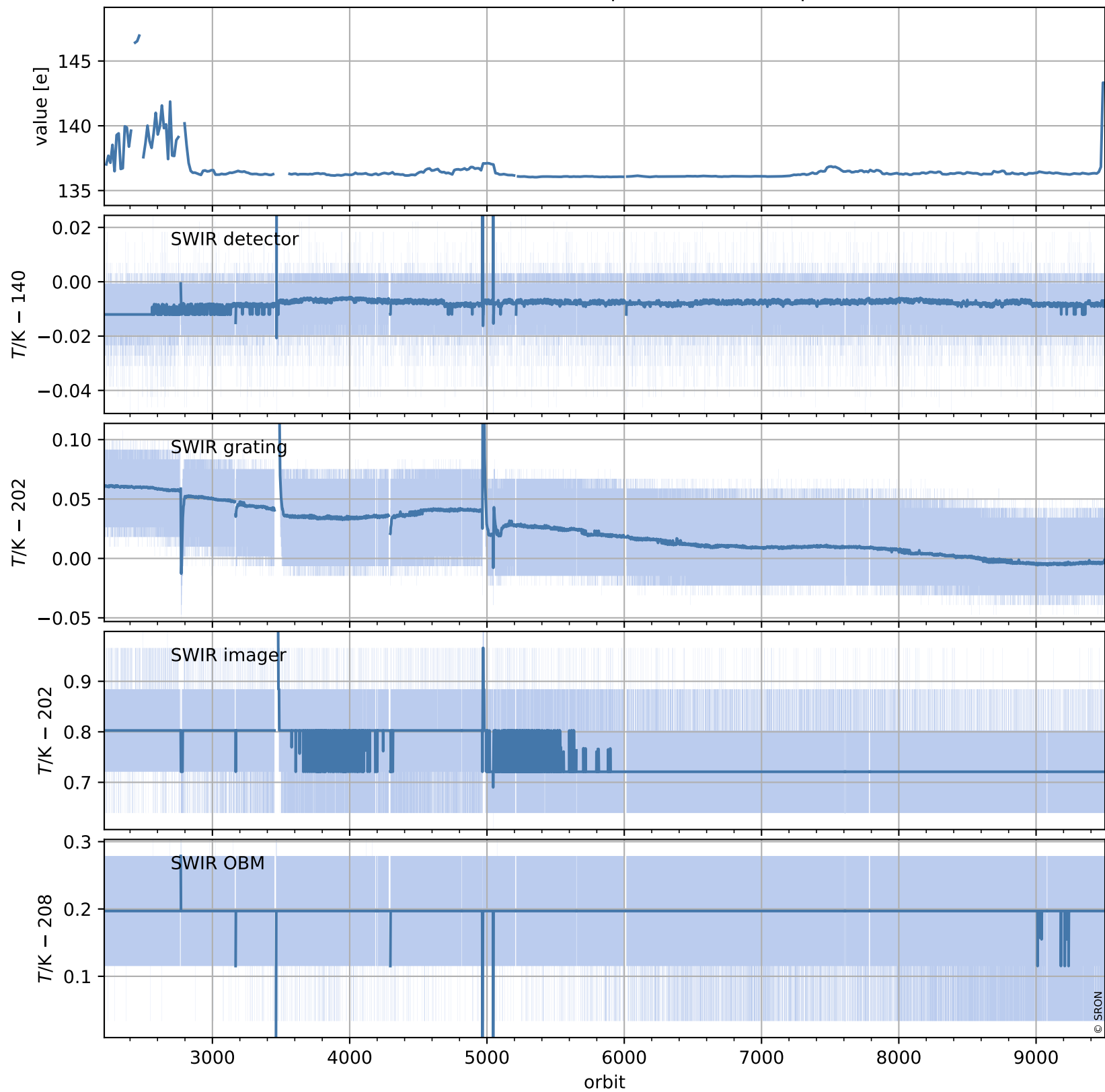
orbits : 12 in [9412, 9502]
coverage : 2019-08-08 / 2019-08-13
created : 2023-08-21T15:04:42



Tropomi SWIR background noise (swir)

orbits : [2212, 9502]
coverage : 2018-03-18 / 2019-08-13
created : 2023-08-21T15:04:43

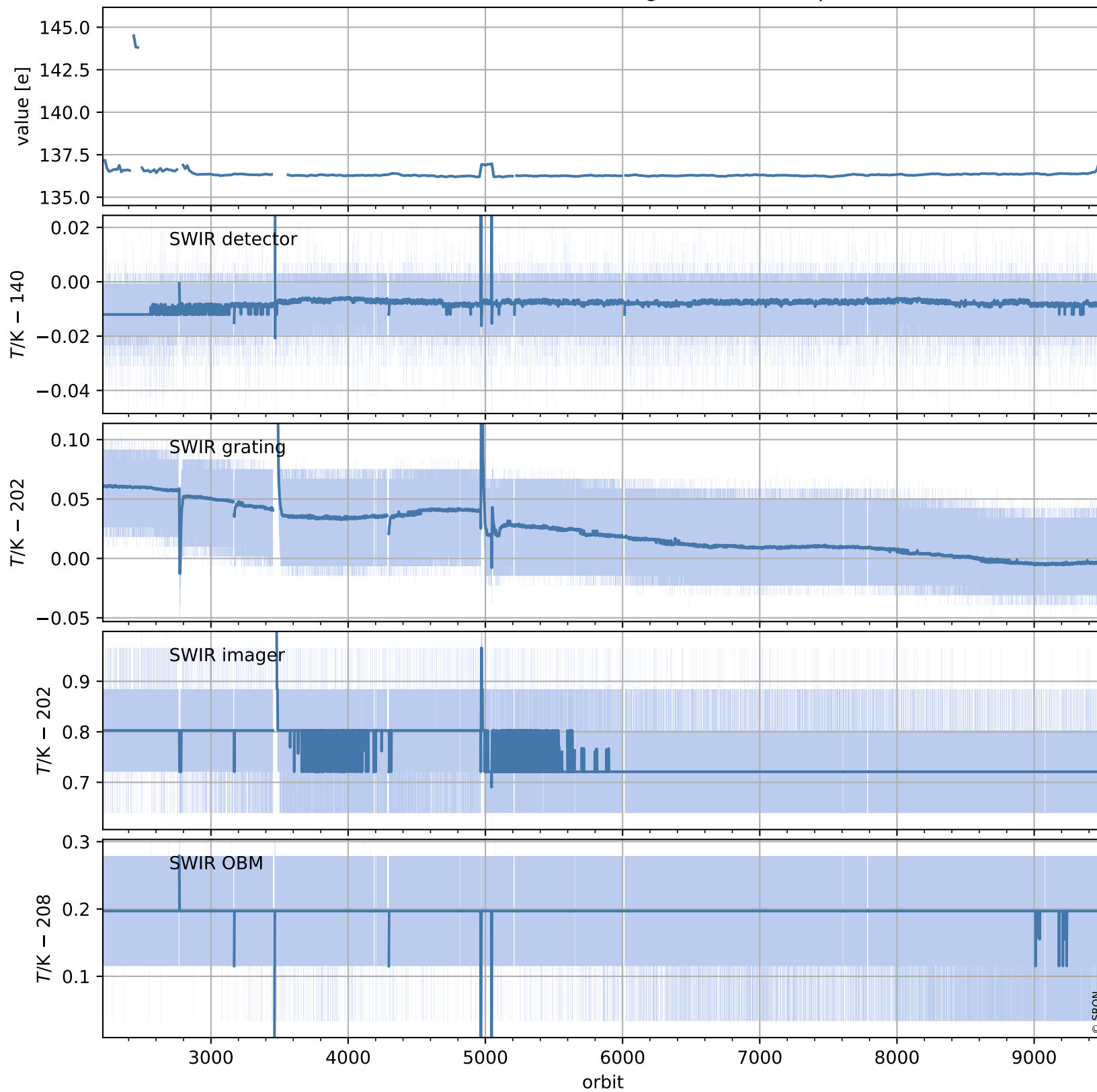
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9502]
coverage : 2018-03-18 / 2019-08-13
created : 2023-08-21T15:04:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9502]
coverage : 2018-03-18 / 2019-08-13
created : 2023-08-21T15:04:44

trend of normalized read-noise & temperatures

