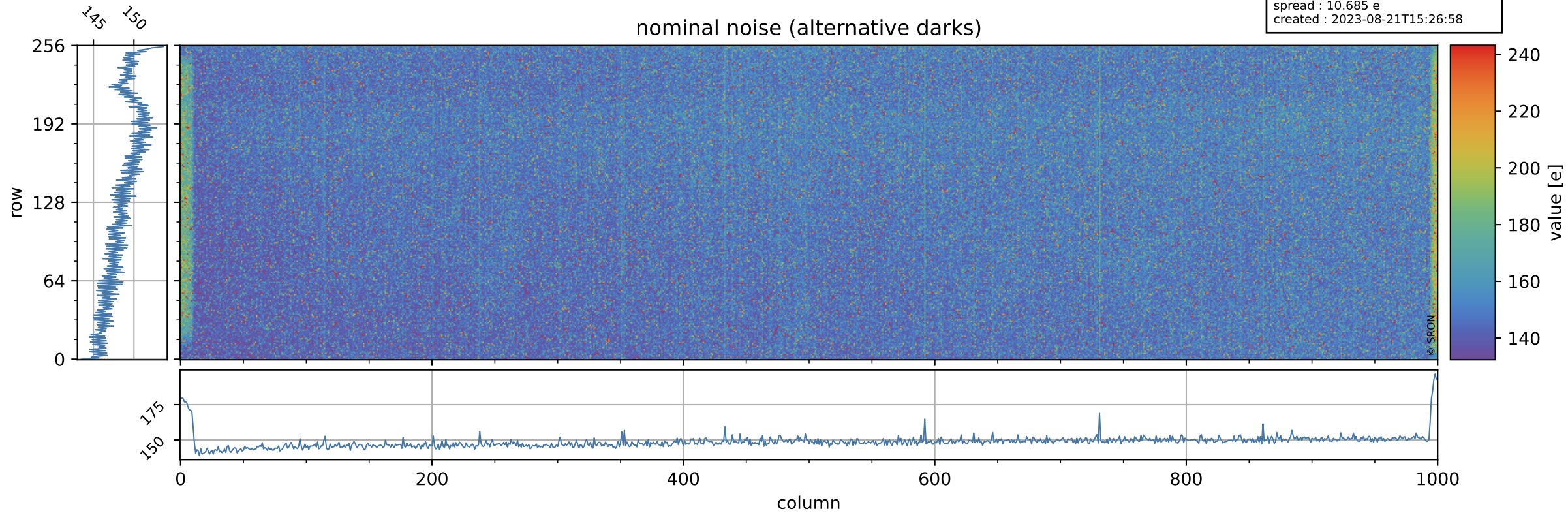


Tropomi SWIR background noise (swir)

orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.685 e
created : 2023-08-21T15:26:58

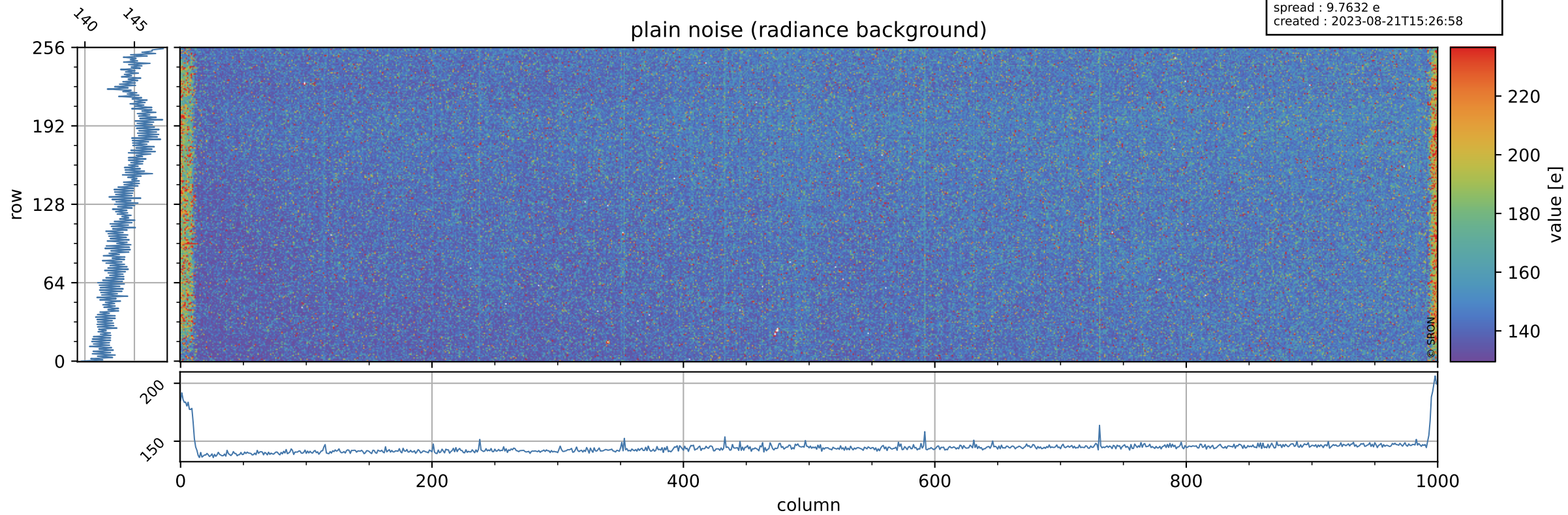
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
n_coad, t_exp : 1, 0.8383
median : 144 e
spread : 9.7632 e
created : 2023-08-21T15:26:58

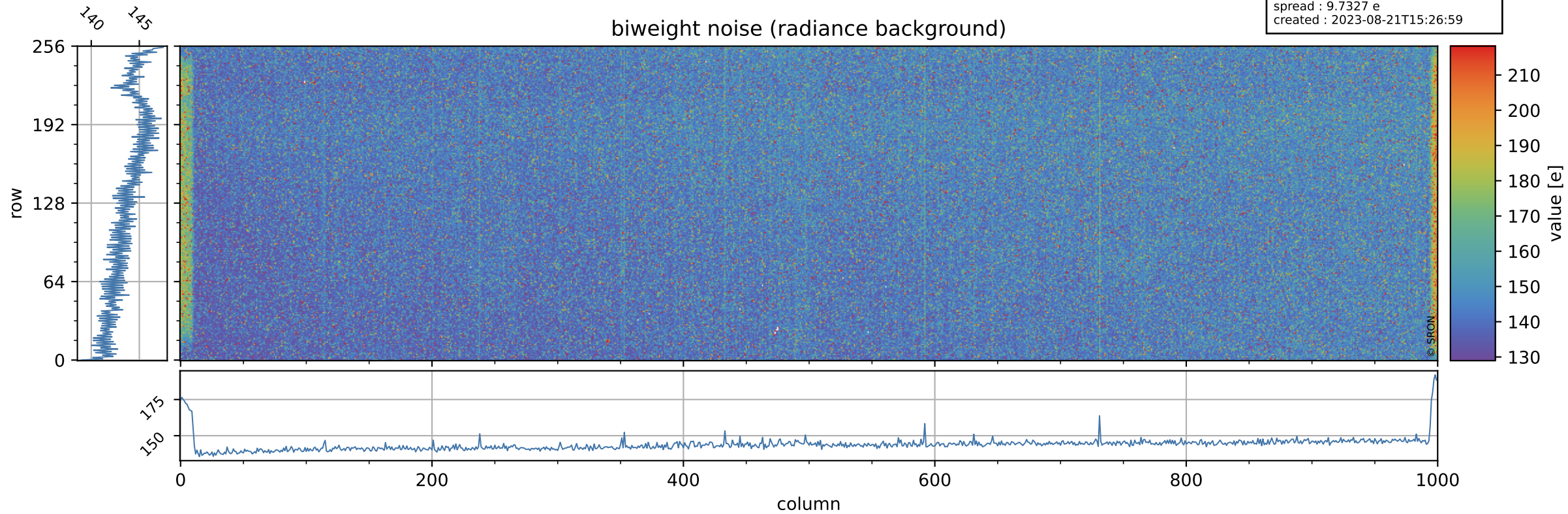
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7327 e
created : 2023-08-21T15:26:59

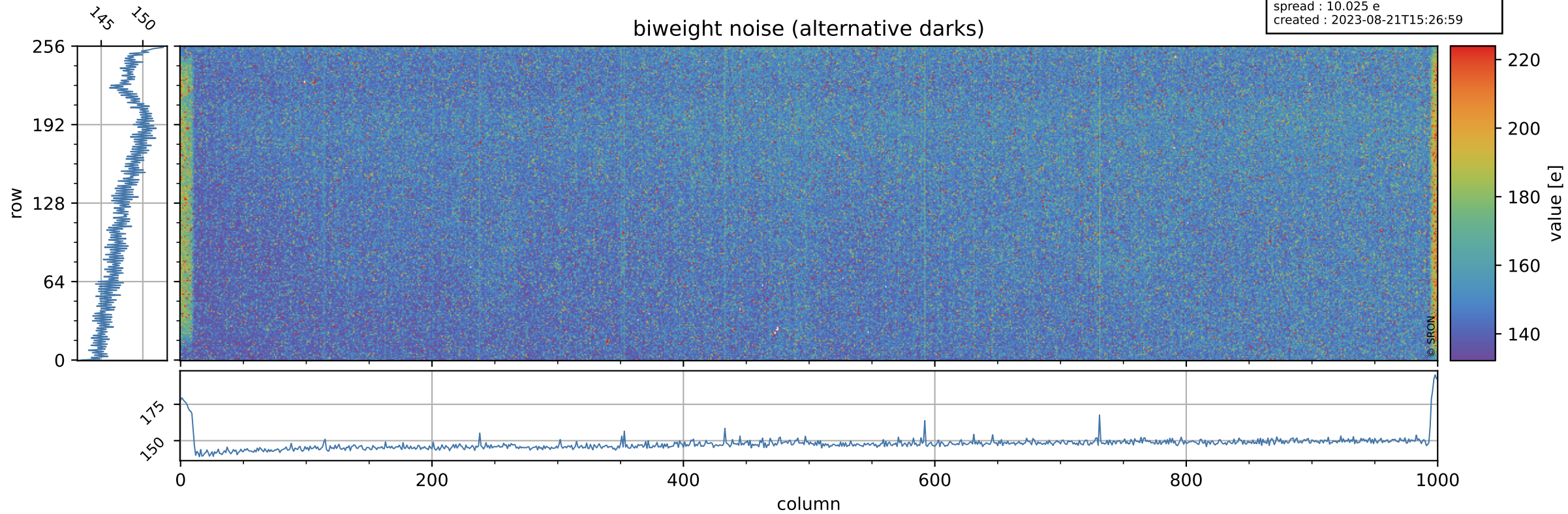
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.025 e
created : 2023-08-21T15:26:59

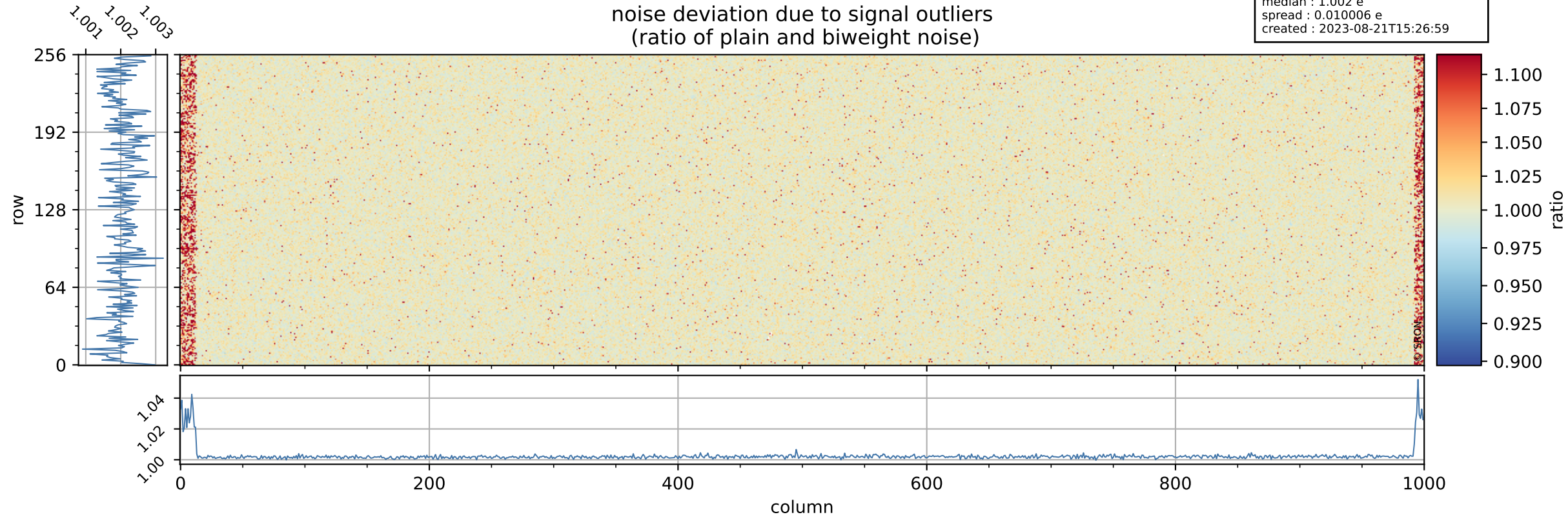
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

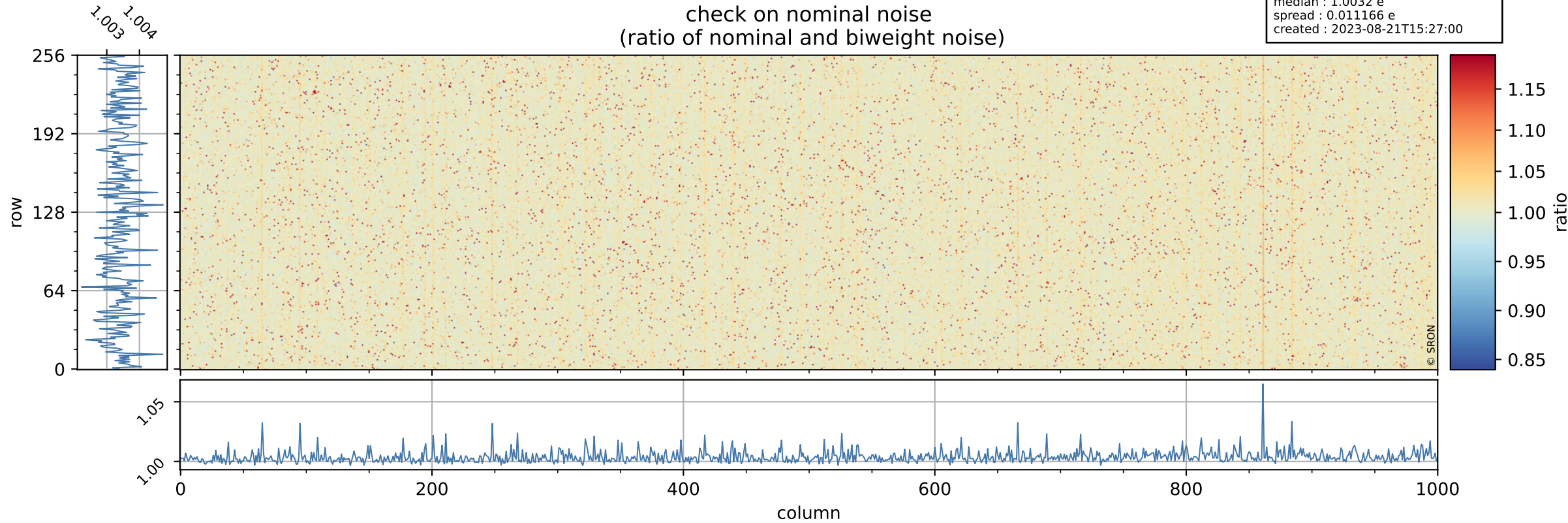
orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
median : 1.002 e
spread : 0.010006 e
created : 2023-08-21T15:26:59



Tropomi SWIR background noise (swir)

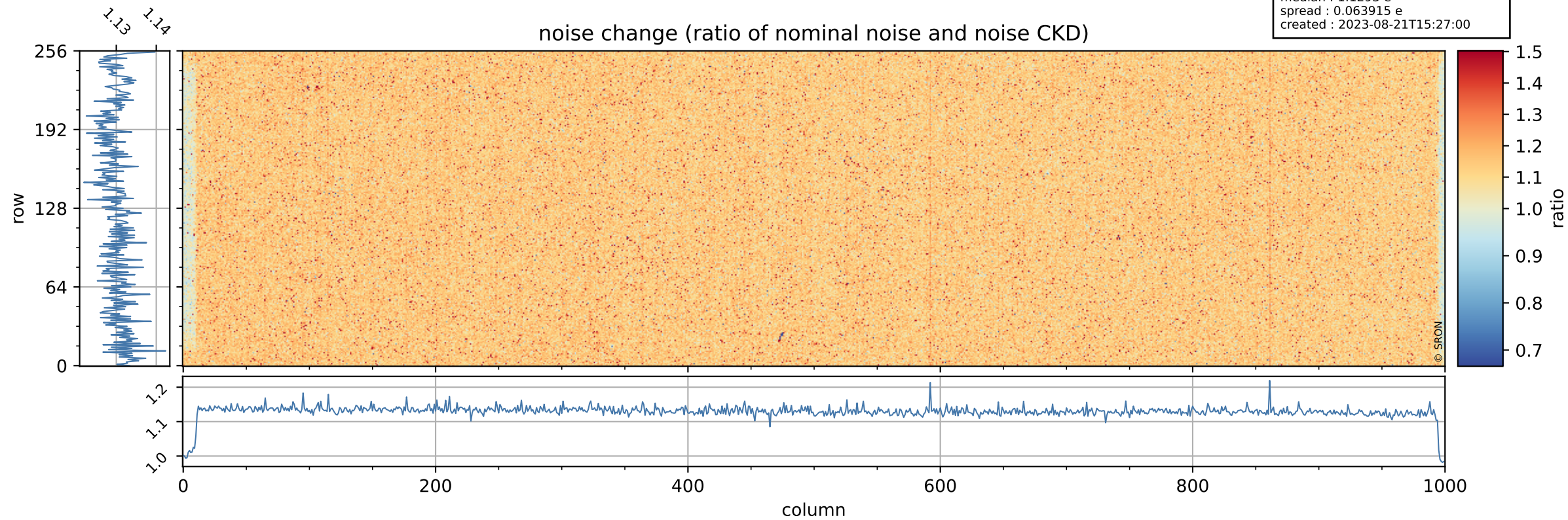
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
median : 1.0032 e
spread : 0.011166 e
created : 2023-08-21T15:27:00



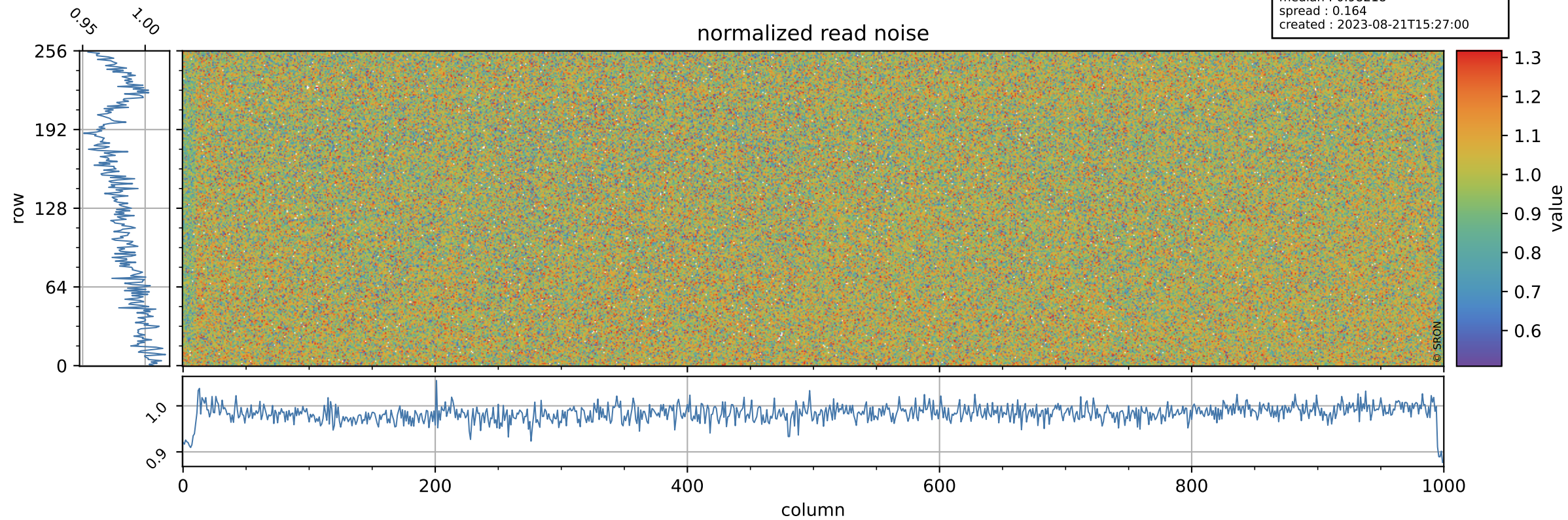
Tropomi SWIR background noise (swir)

orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
median : 1.1293 e
spread : 0.063915 e
created : 2023-08-21T15:27:00



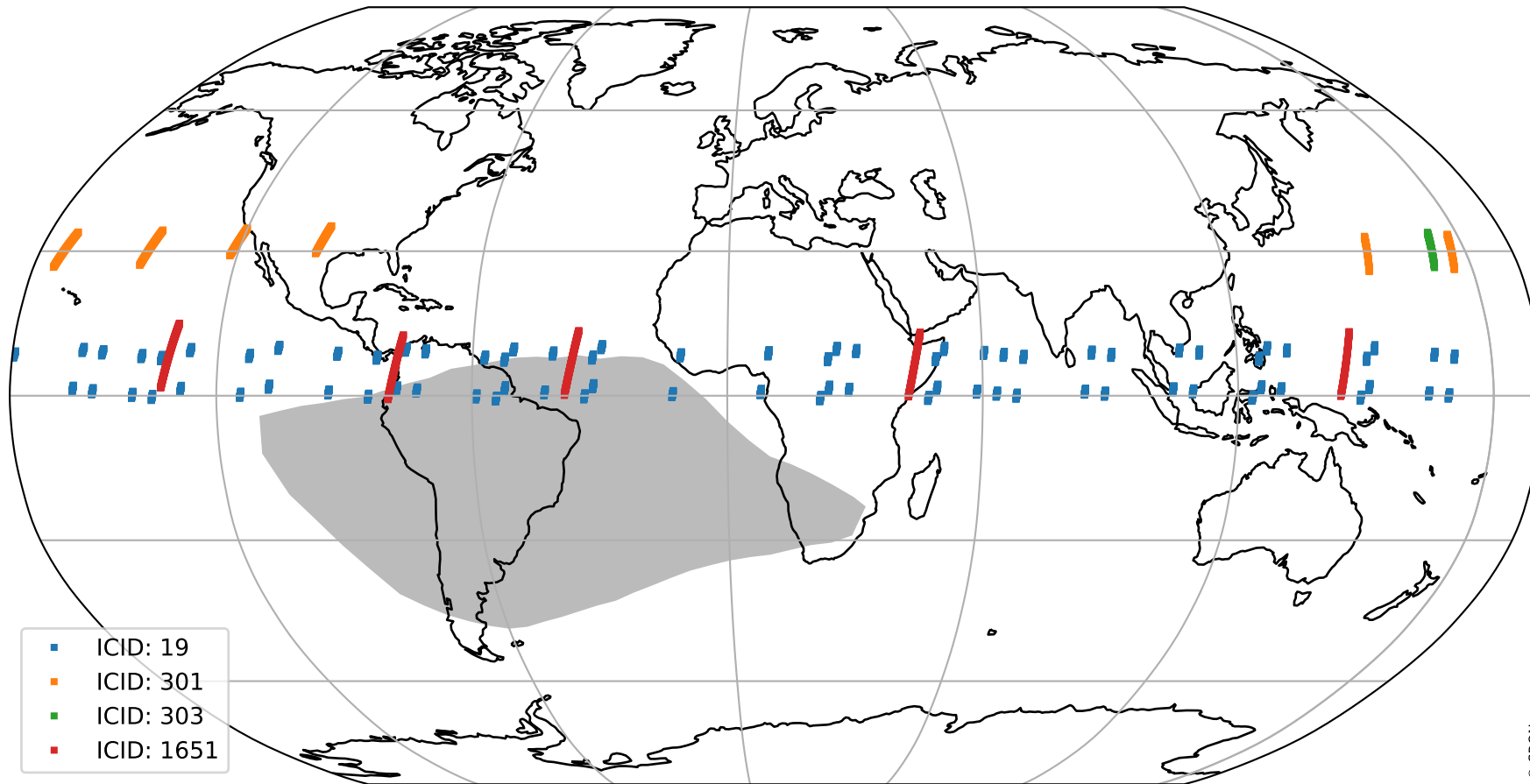
Tropomi SWIR background noise (swir)

orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
median : 0.98218
spread : 0.164
created : 2023-08-21T15:27:00



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

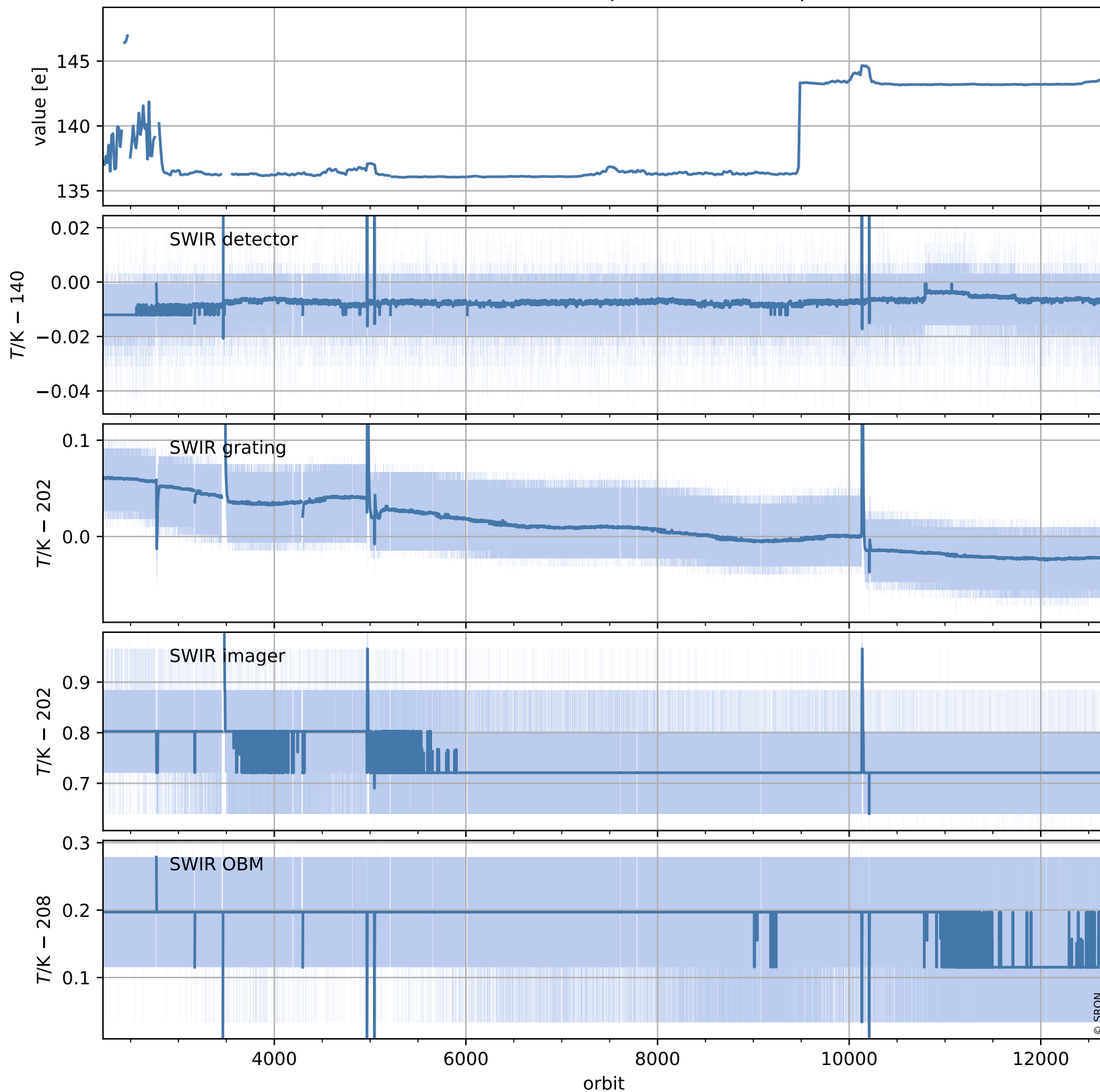
orbits : 12 in [12577, 12667]
coverage : 2020-03-18 / 2020-03-24
created : 2023-08-21T15:27:00



Tropomi SWIR background noise (swir)

orbits : [2212, 12667]
coverage : 2018-03-18 / 2020-03-24
created : 2023-08-21T15:27:01

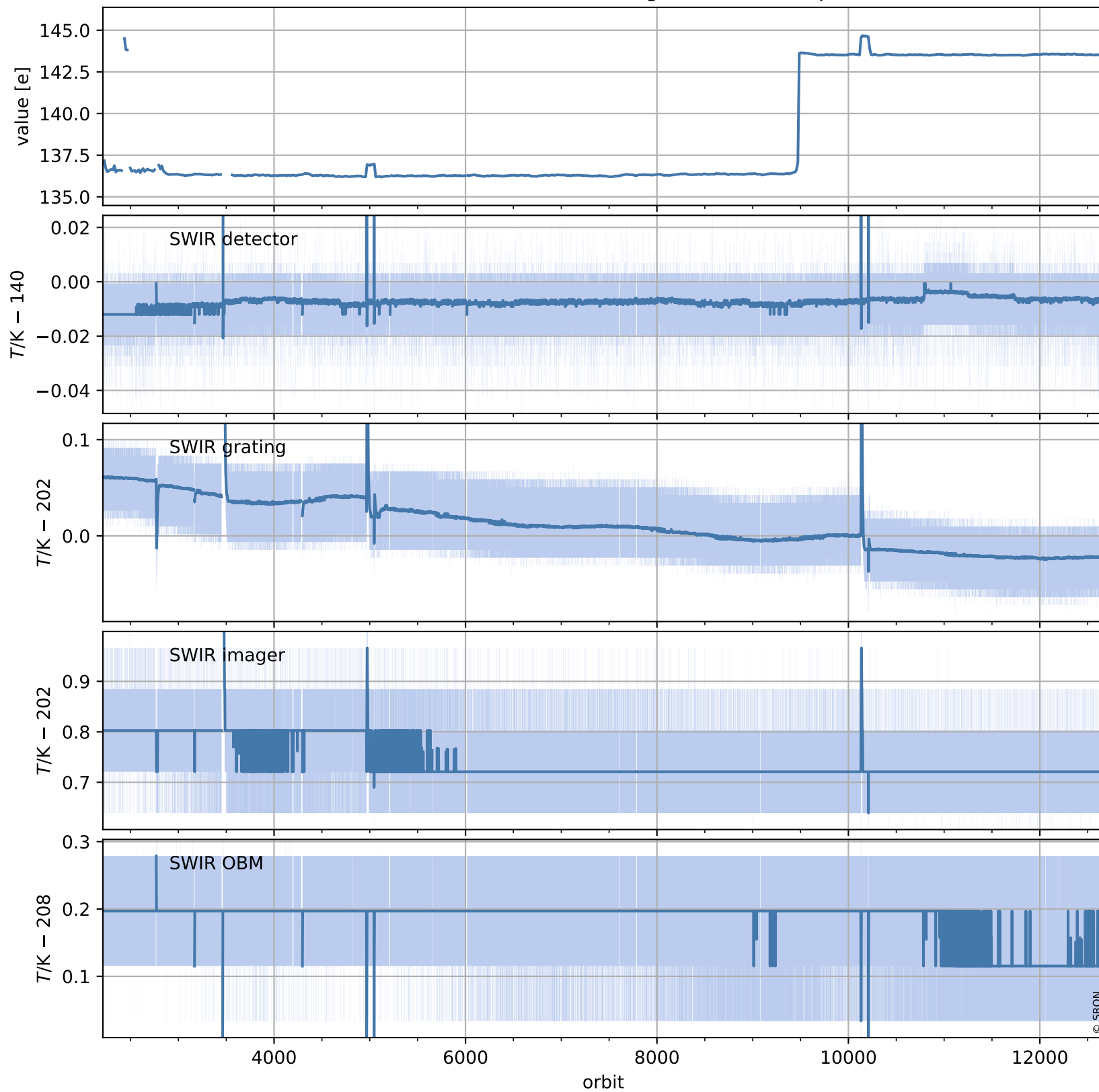
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12667]
coverage : 2018-03-18 / 2020-03-24
created : 2023-08-21T15:27:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12667]
coverage : 2018-03-18 / 2020-03-24
created : 2023-08-21T15:27:02

trend of normalized read-noise & temperatures

