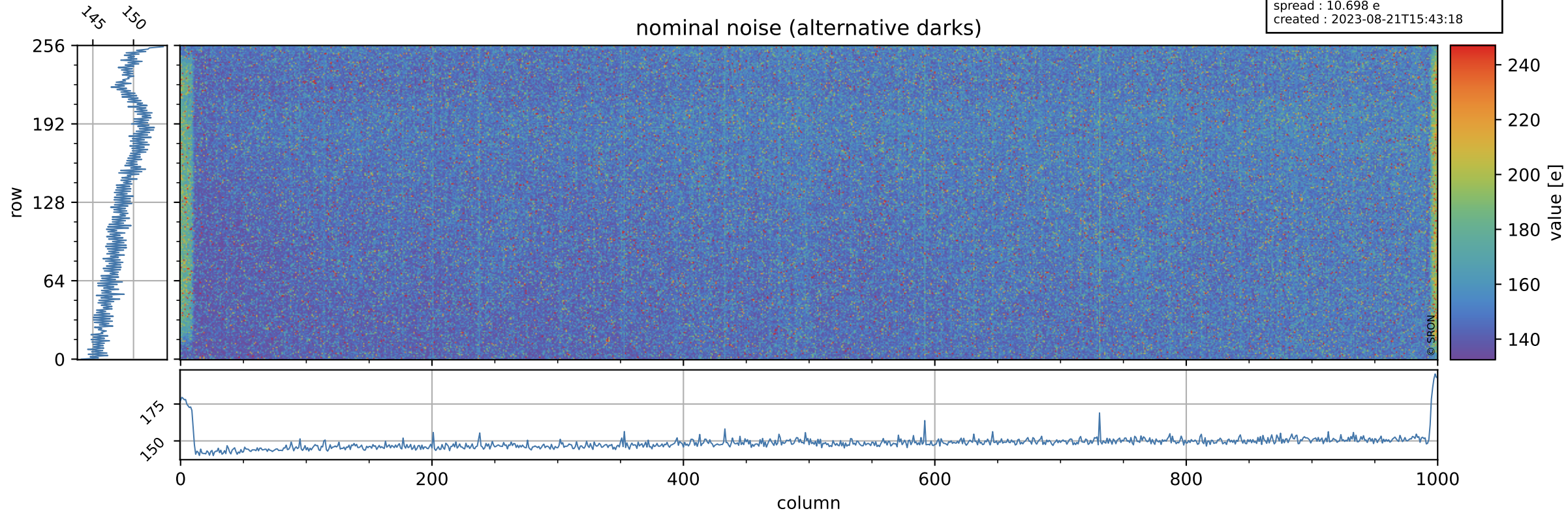


Tropomi SWIR background noise (swir)

orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.698 e
created : 2023-08-21T15:43:18

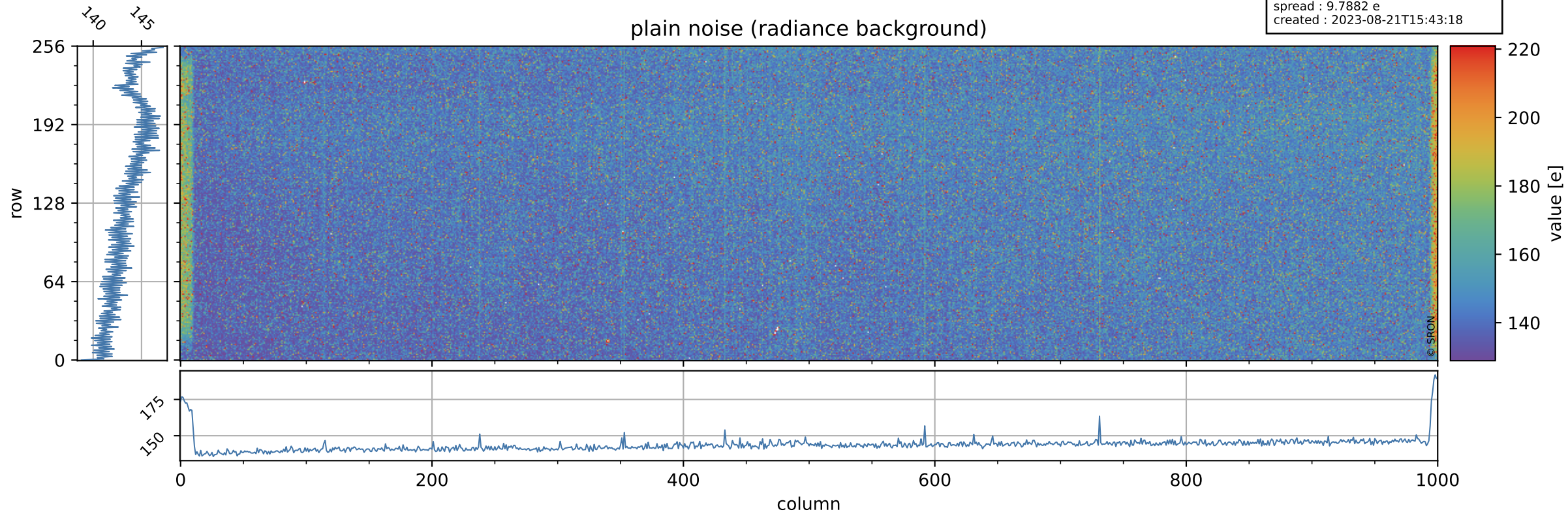
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7882 e
created : 2023-08-21T15:43:18

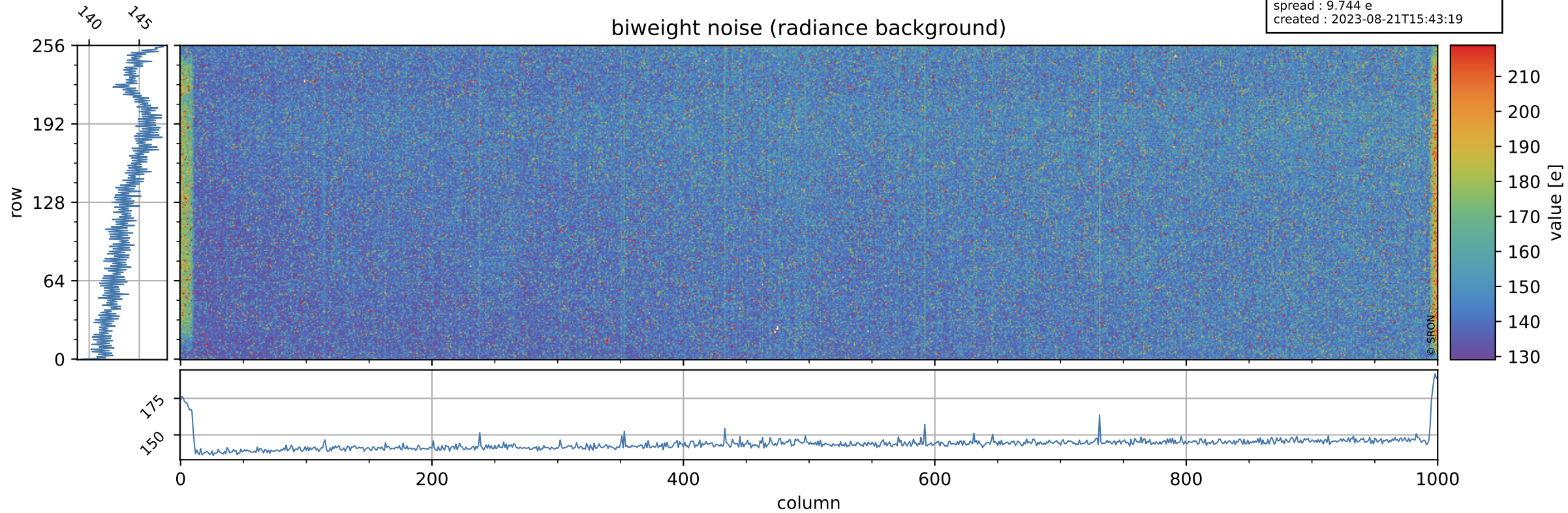
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.744 e
created : 2023-08-21T15:43:19

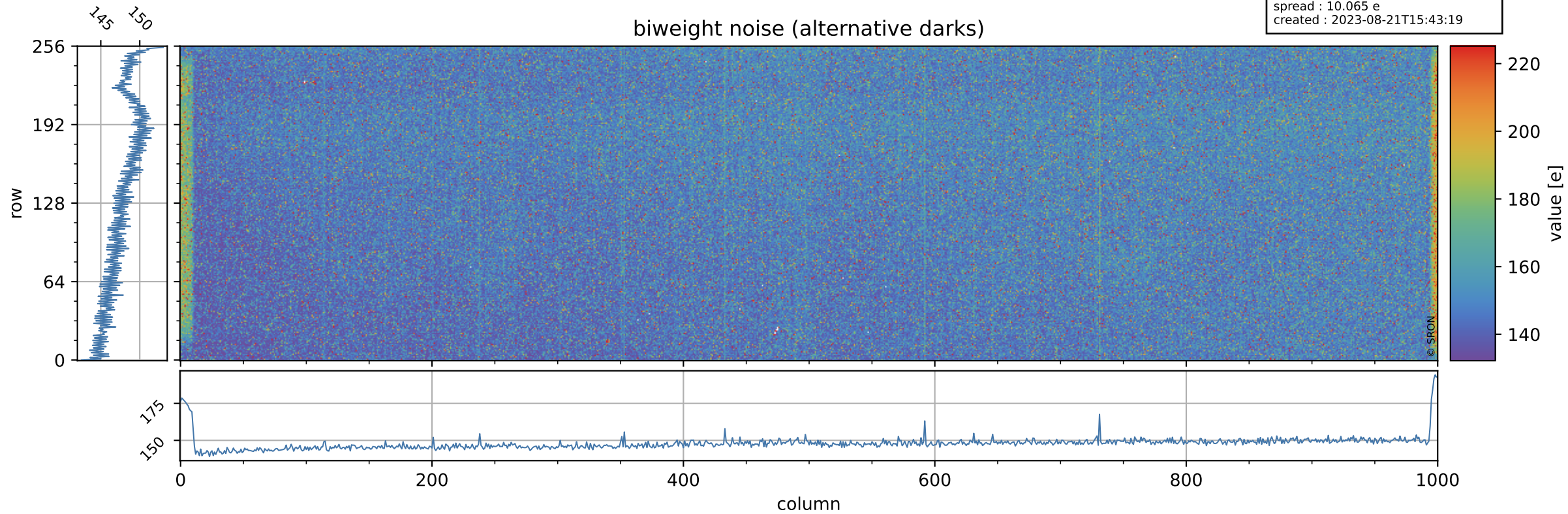
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.065 e
created : 2023-08-21T15:43:19

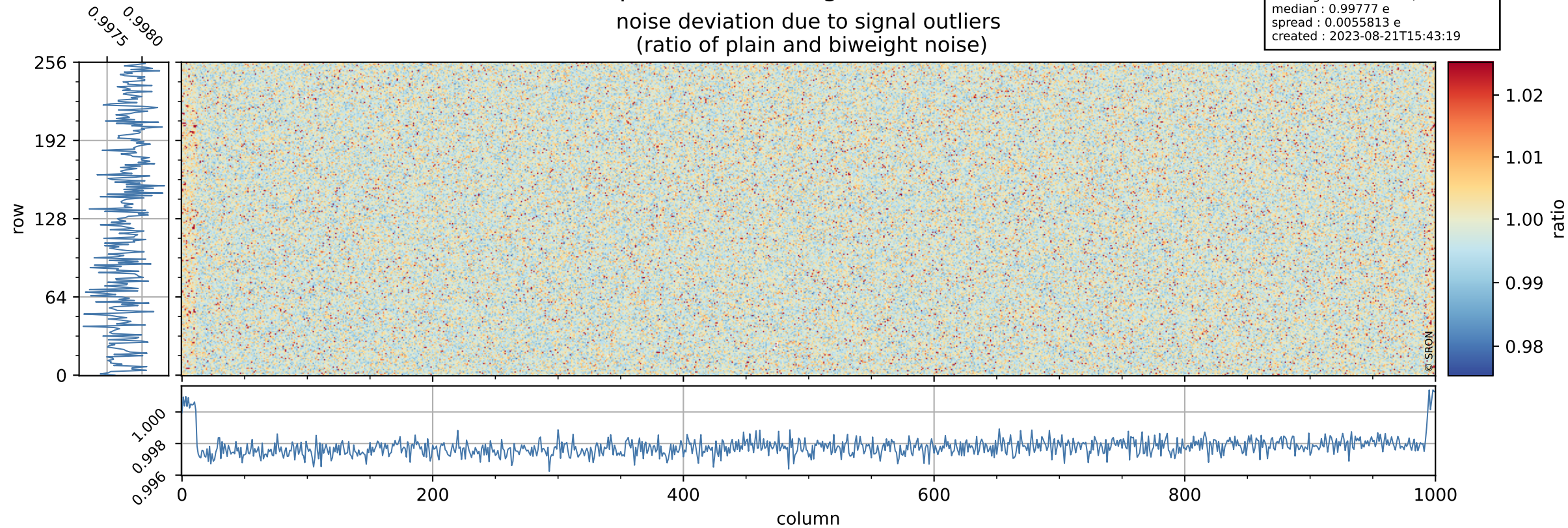
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

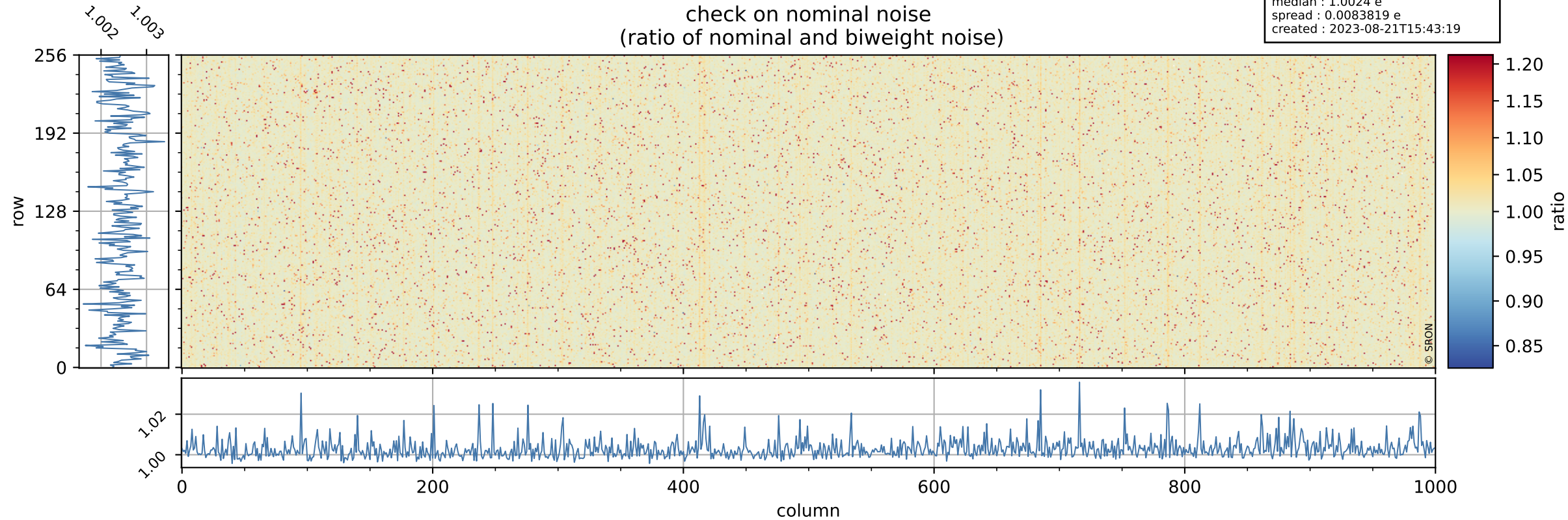
orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
median : 0.99777 e
spread : 0.0055813 e
created : 2023-08-21T15:43:19



Tropomi SWIR background noise (swir)

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

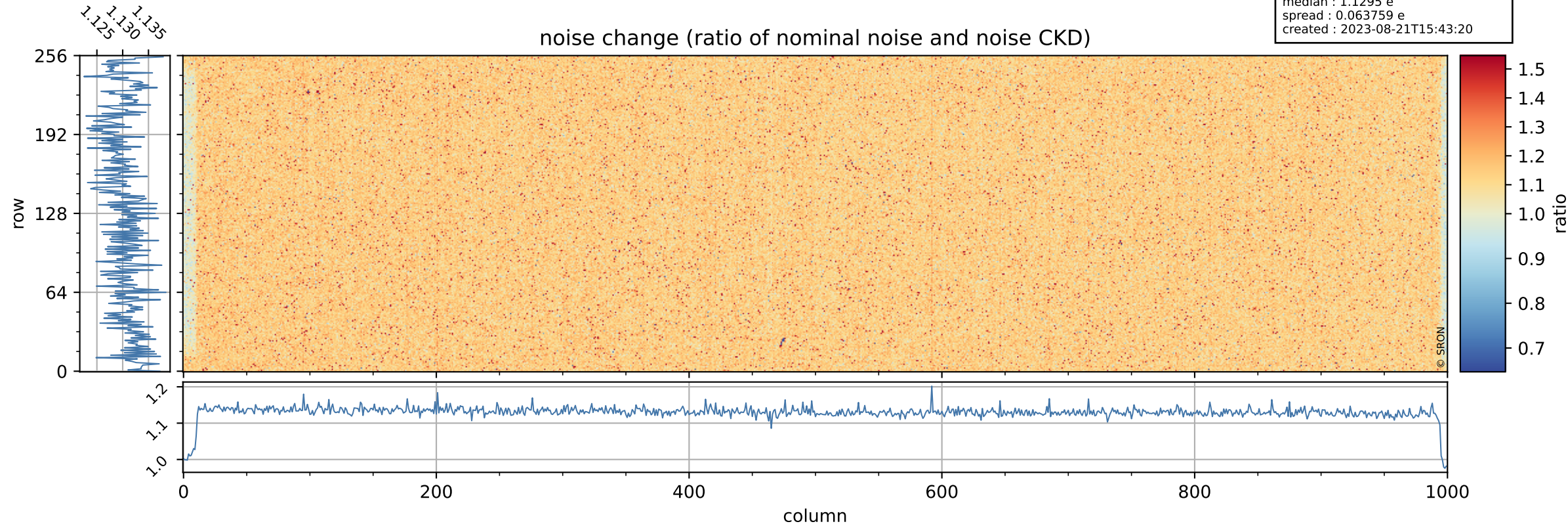
orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
median : 1.0024 e
spread : 0.0083819 e
created : 2023-08-21T15:43:19



Tropomi SWIR background noise (swir)

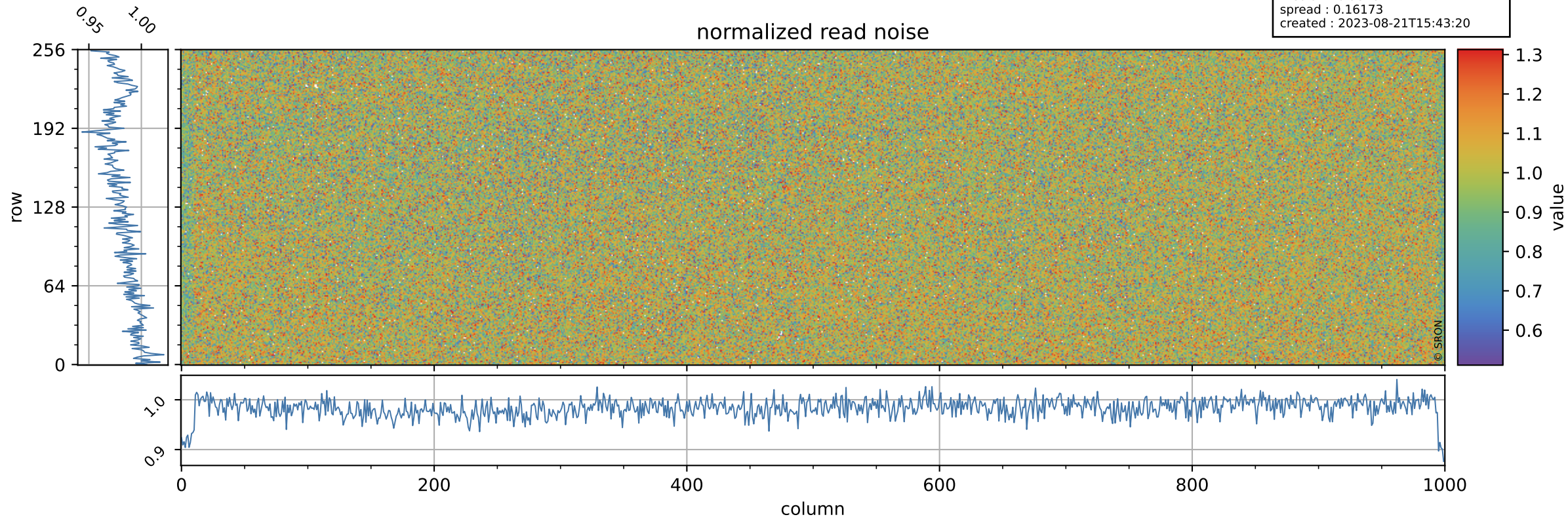
orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
median : 1.1295 e
spread : 0.063759 e
created : 2023-08-21T15:43:20

noise change (ratio of nominal noise and noise CKD)



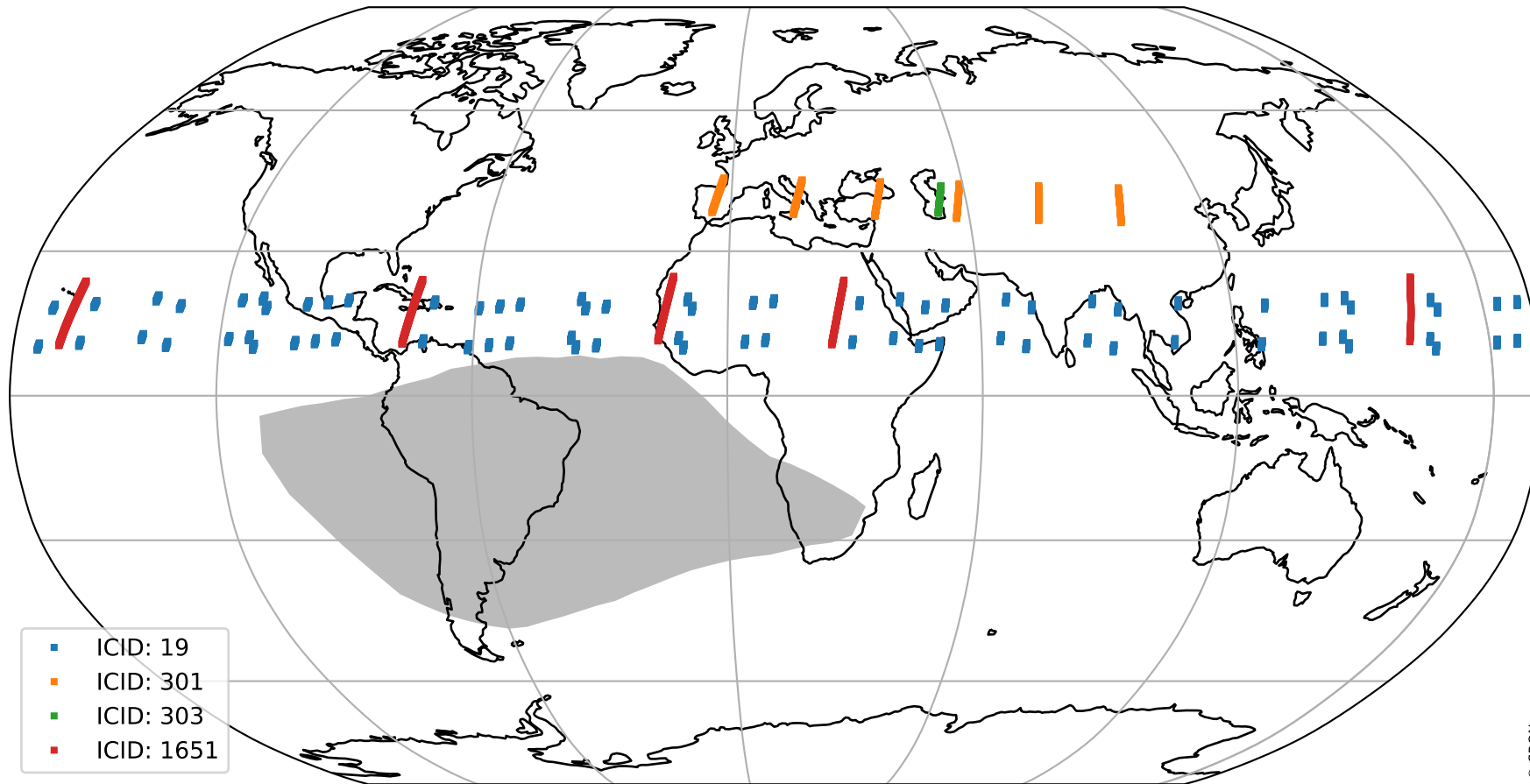
Tropomi SWIR background noise (swir)

orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
median : 0.98184
spread : 0.16173
created : 2023-08-21T15:43:20



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

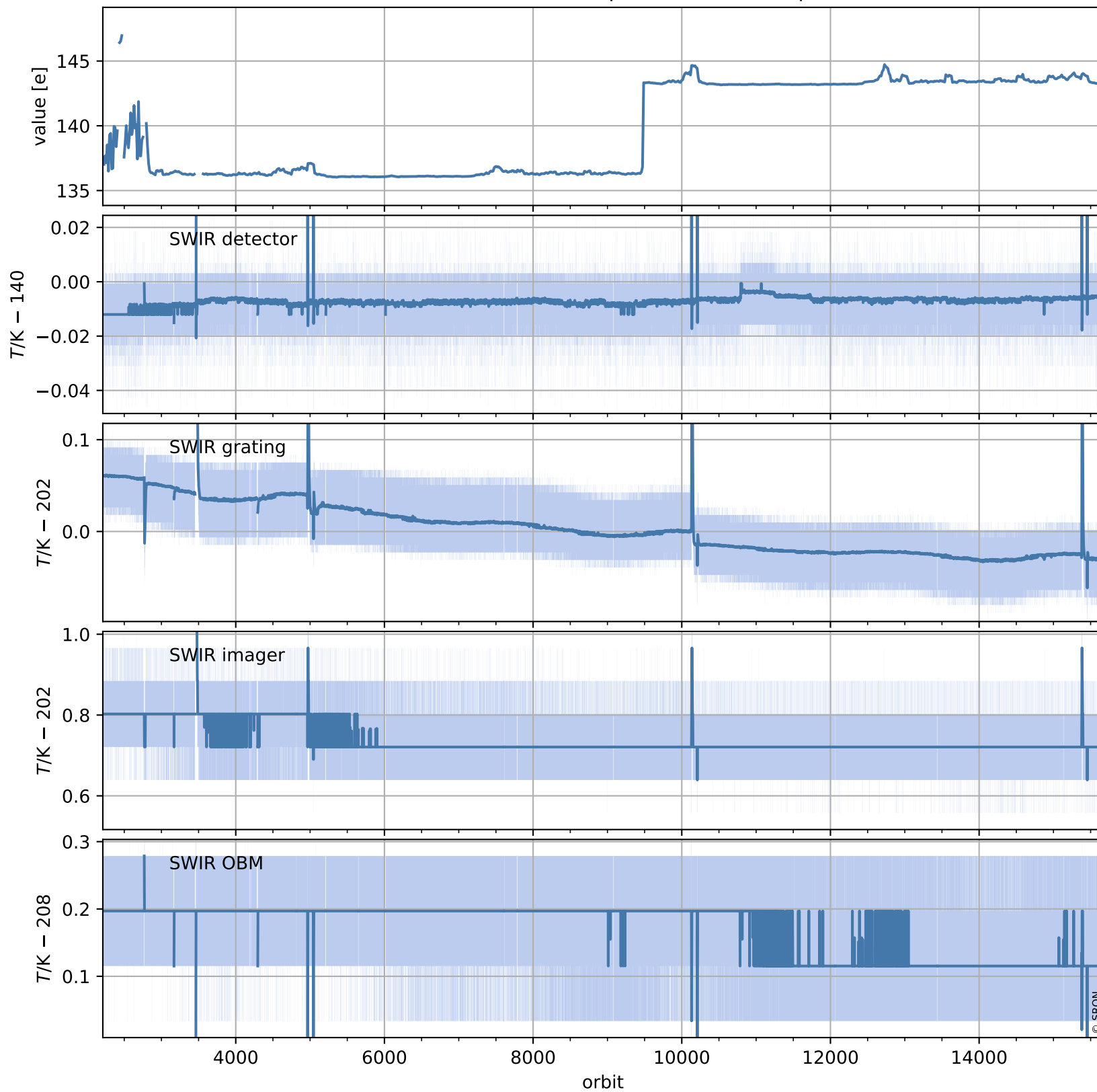
orbits : 12 in [15592, 15667]
coverage : 2020-10-15 / 2020-10-21
created : 2023-08-21T15:43:20



Tropomi SWIR background noise (swir)

orbits : [2212, 15667]
coverage : 2018-03-18 / 2020-10-21
created : 2023-08-21T15:43:21

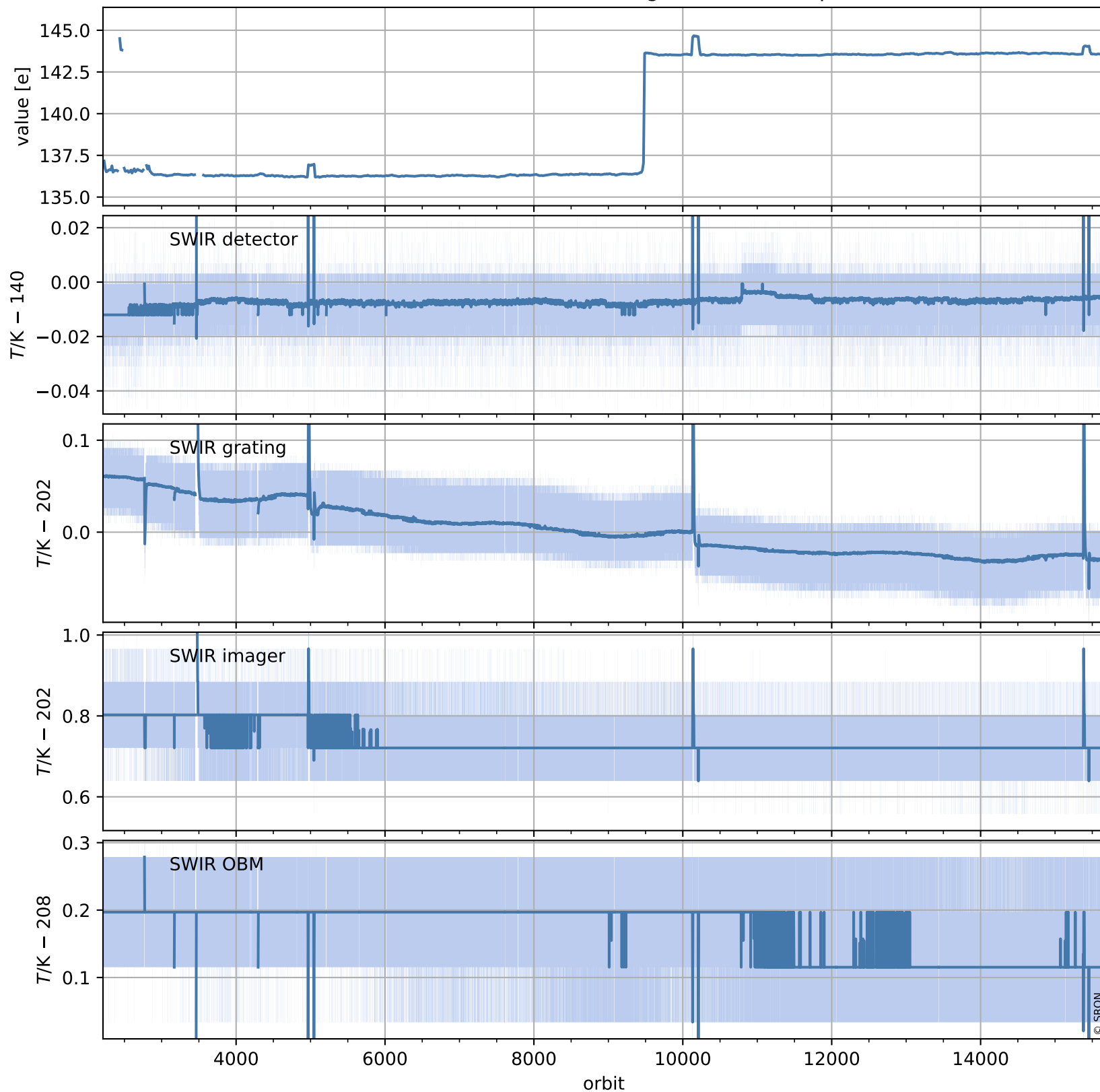
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15667]
coverage : 2018-03-18 / 2020-10-21
created : 2023-08-21T15:43:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15667]
coverage : 2018-03-18 / 2020-10-21
created : 2023-08-21T15:43:22

trend of normalized read-noise & temperatures

