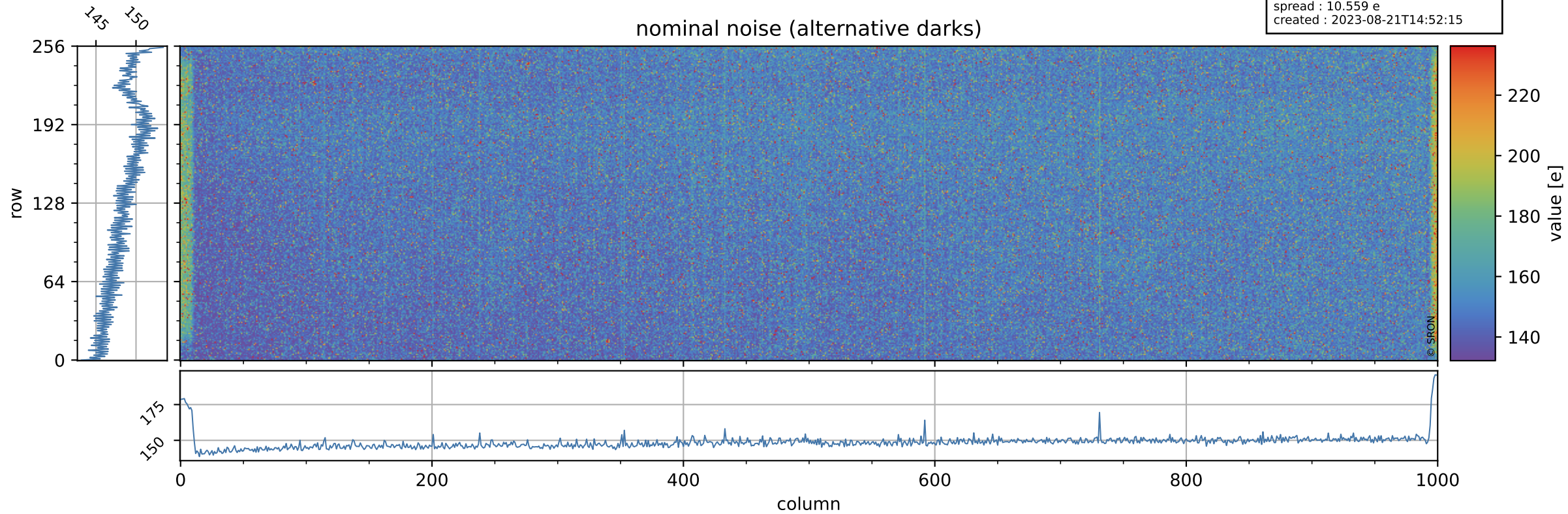


Tropomi SWIR background noise (swir)

orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.559 e
created : 2023-08-21T14:52:15

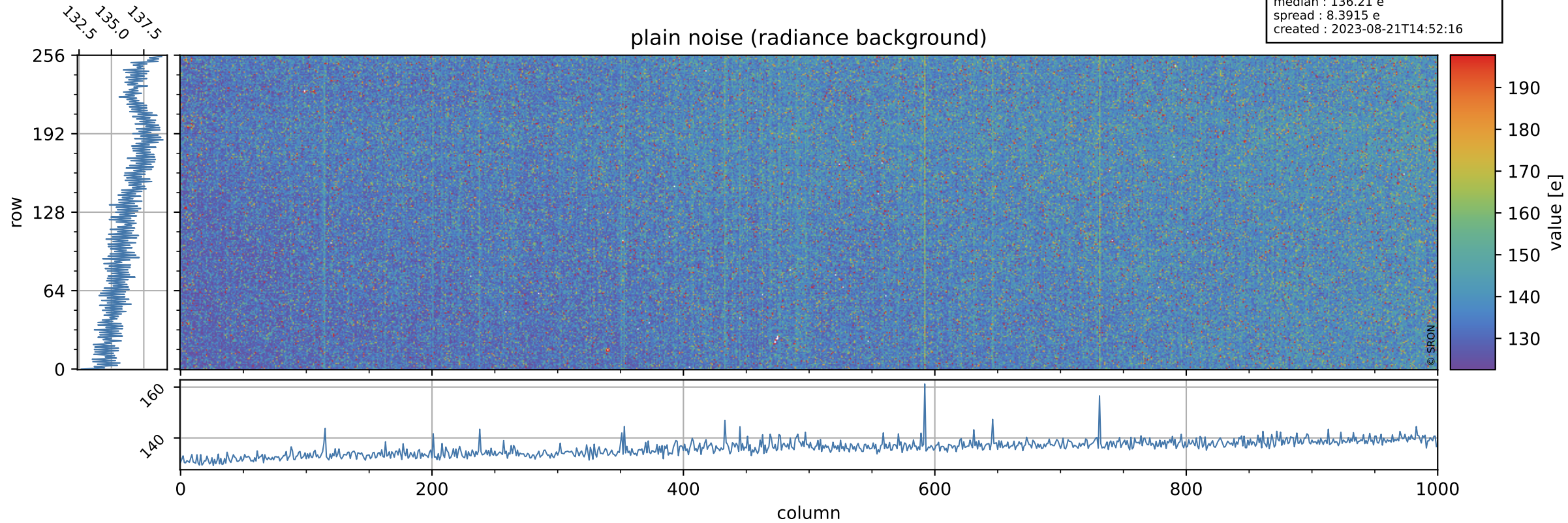
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.3915 e
created : 2023-08-21T14:52:16

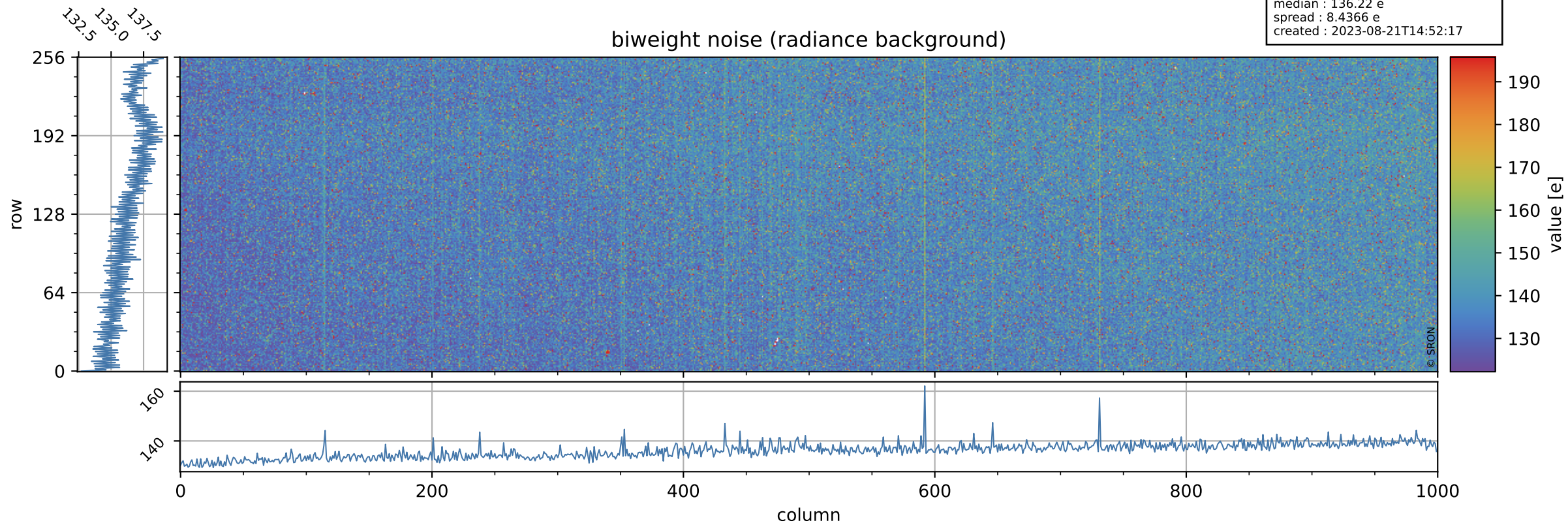
plain noise (radiance background)



Tropomi SWIR background noise (swir)

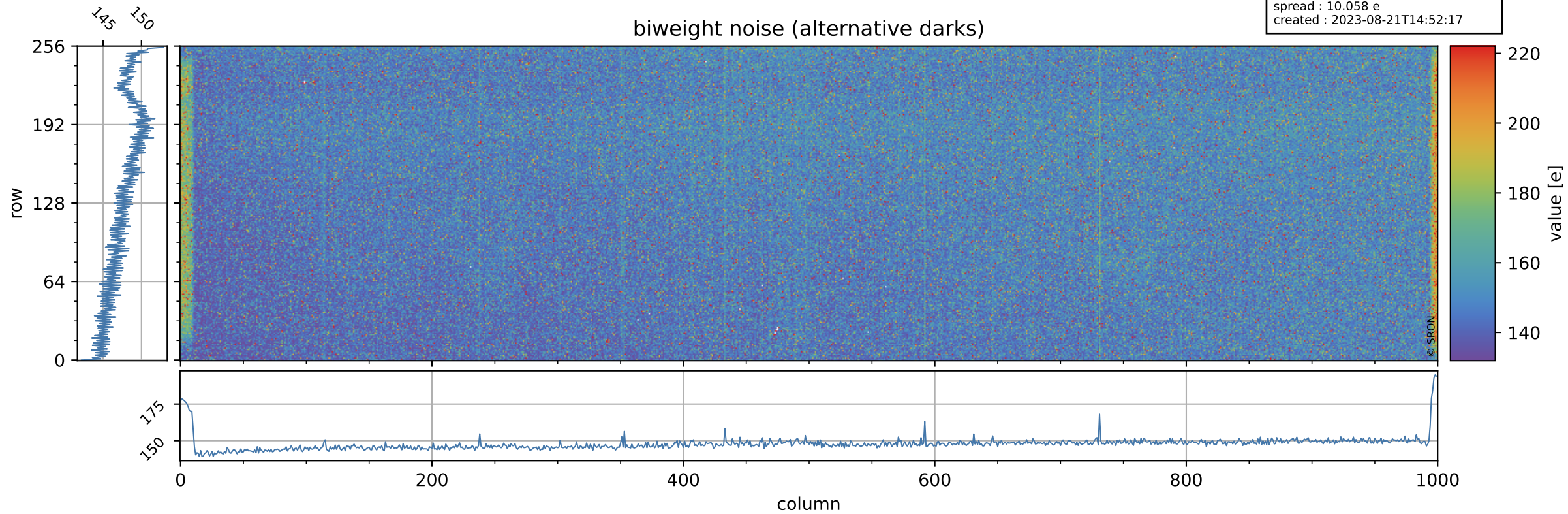
orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.4366 e
created : 2023-08-21T14:52:17

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

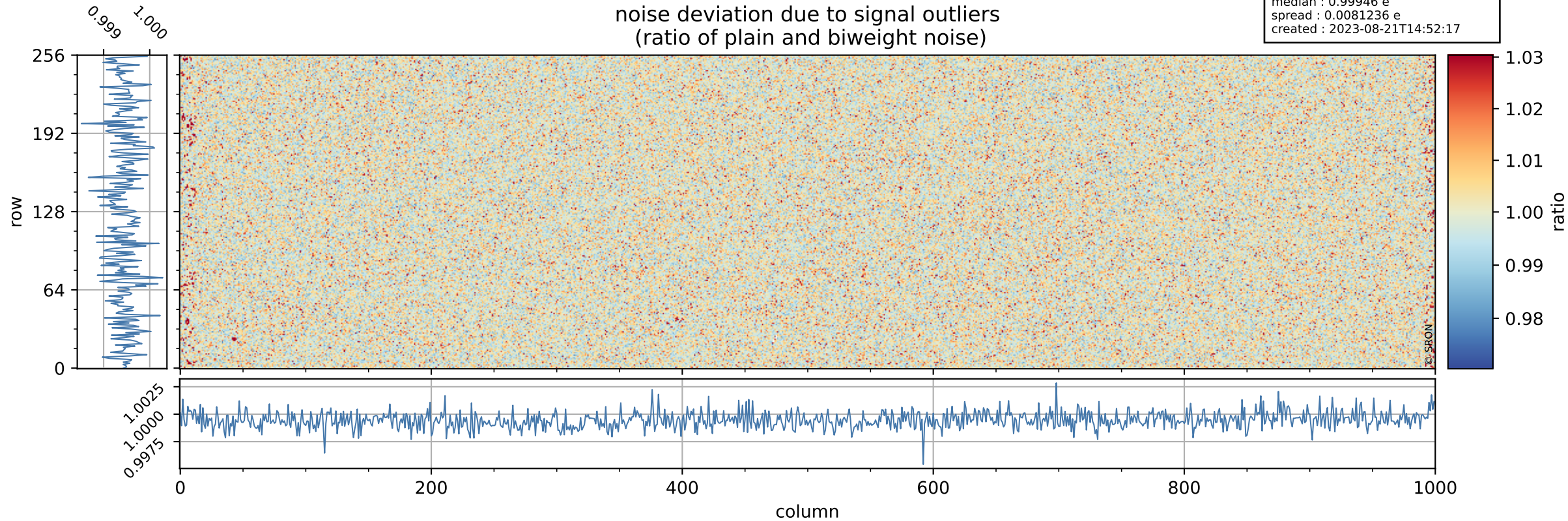
orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 10.058 e
created : 2023-08-21T14:52:17



Tropomi SWIR background noise (swir)

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

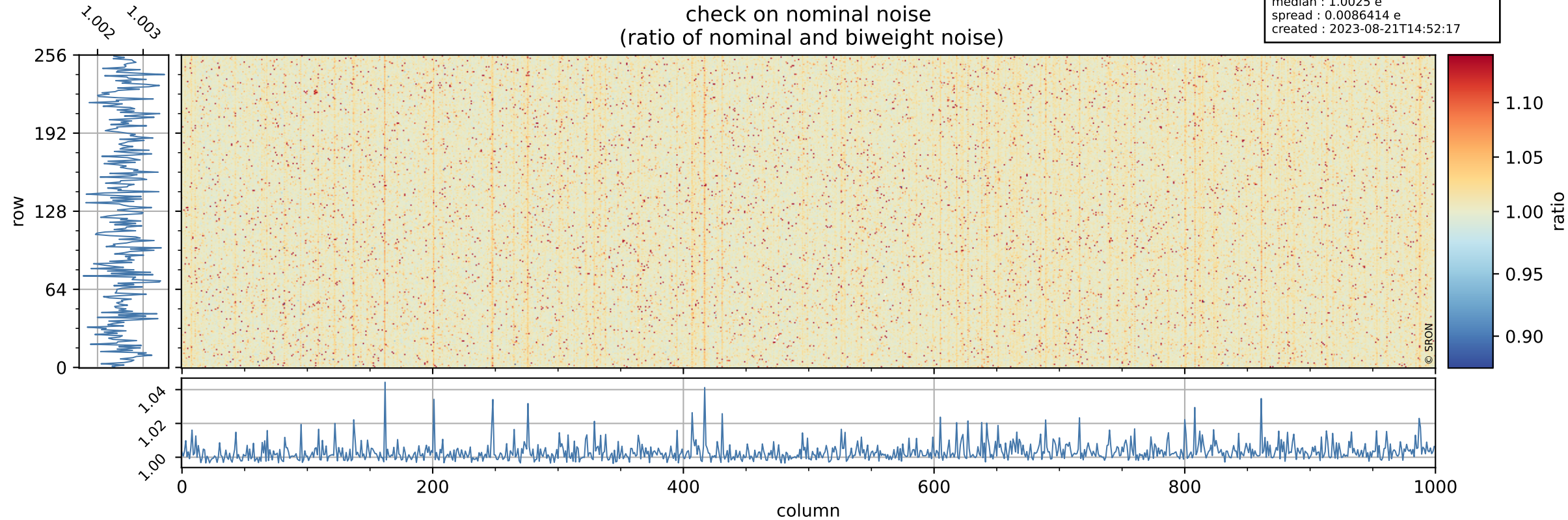
orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
median : 0.99946 e
spread : 0.0081236 e
created : 2023-08-21T14:52:17



Tropomi SWIR background noise (swir)

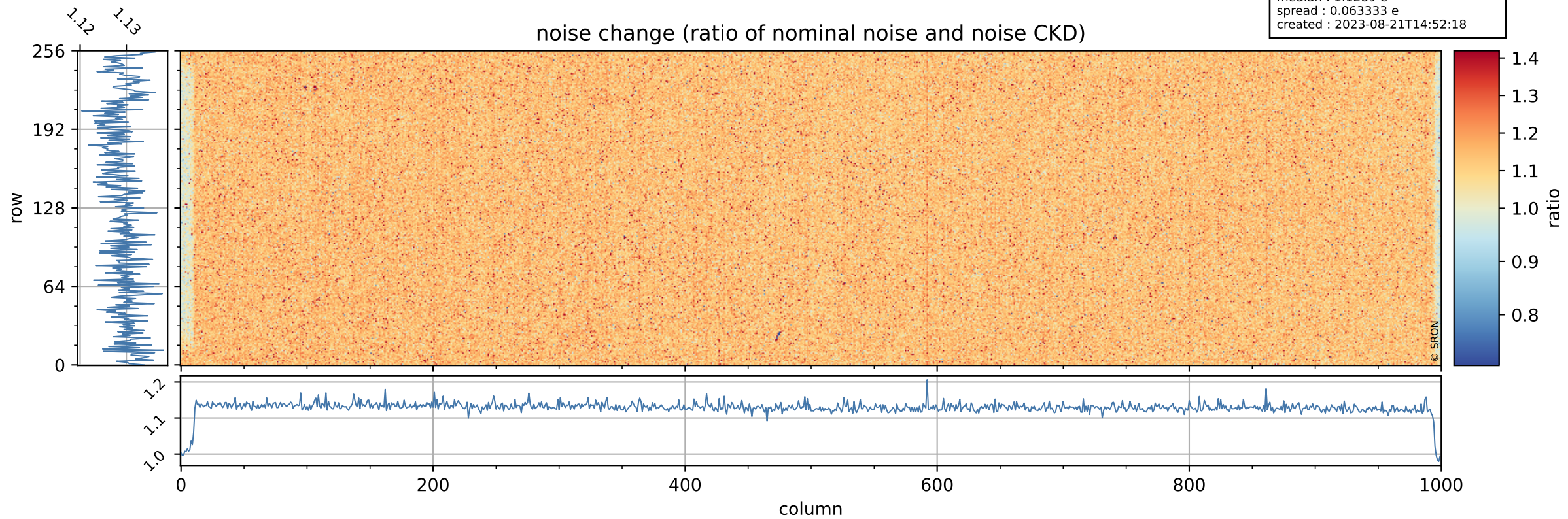
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
median : 1.0025 e
spread : 0.0086414 e
created : 2023-08-21T14:52:17



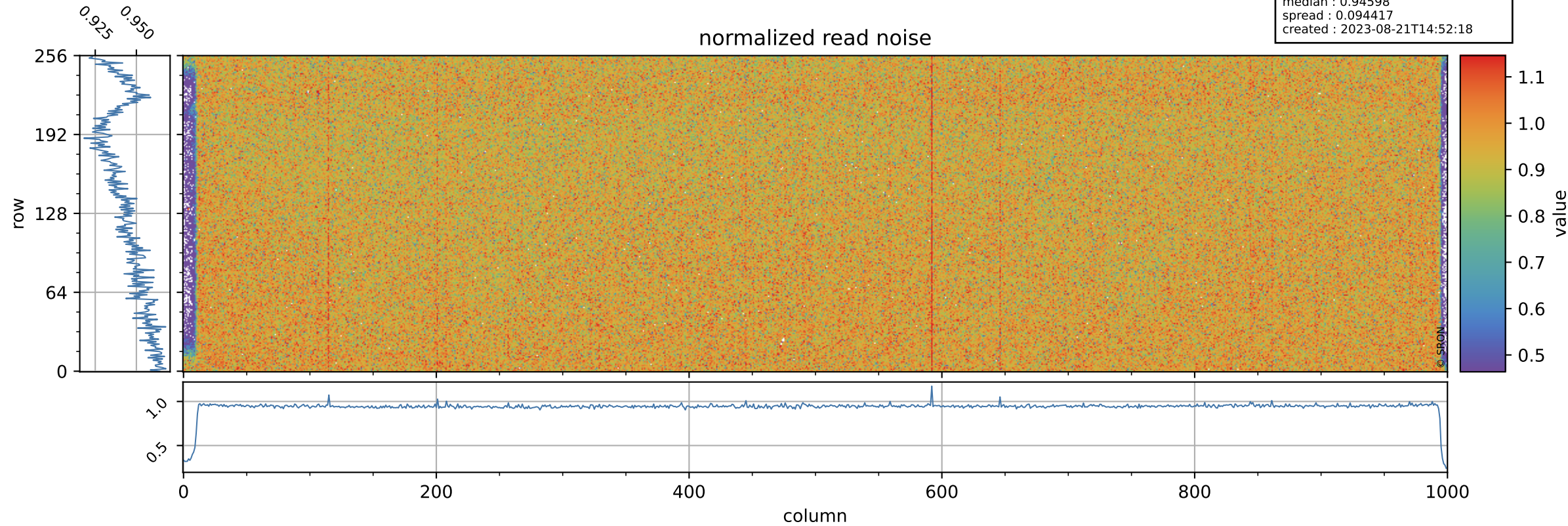
Tropomi SWIR background noise (swir)

orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
median : 1.1289 e
spread : 0.063333 e
created : 2023-08-21T14:52:18



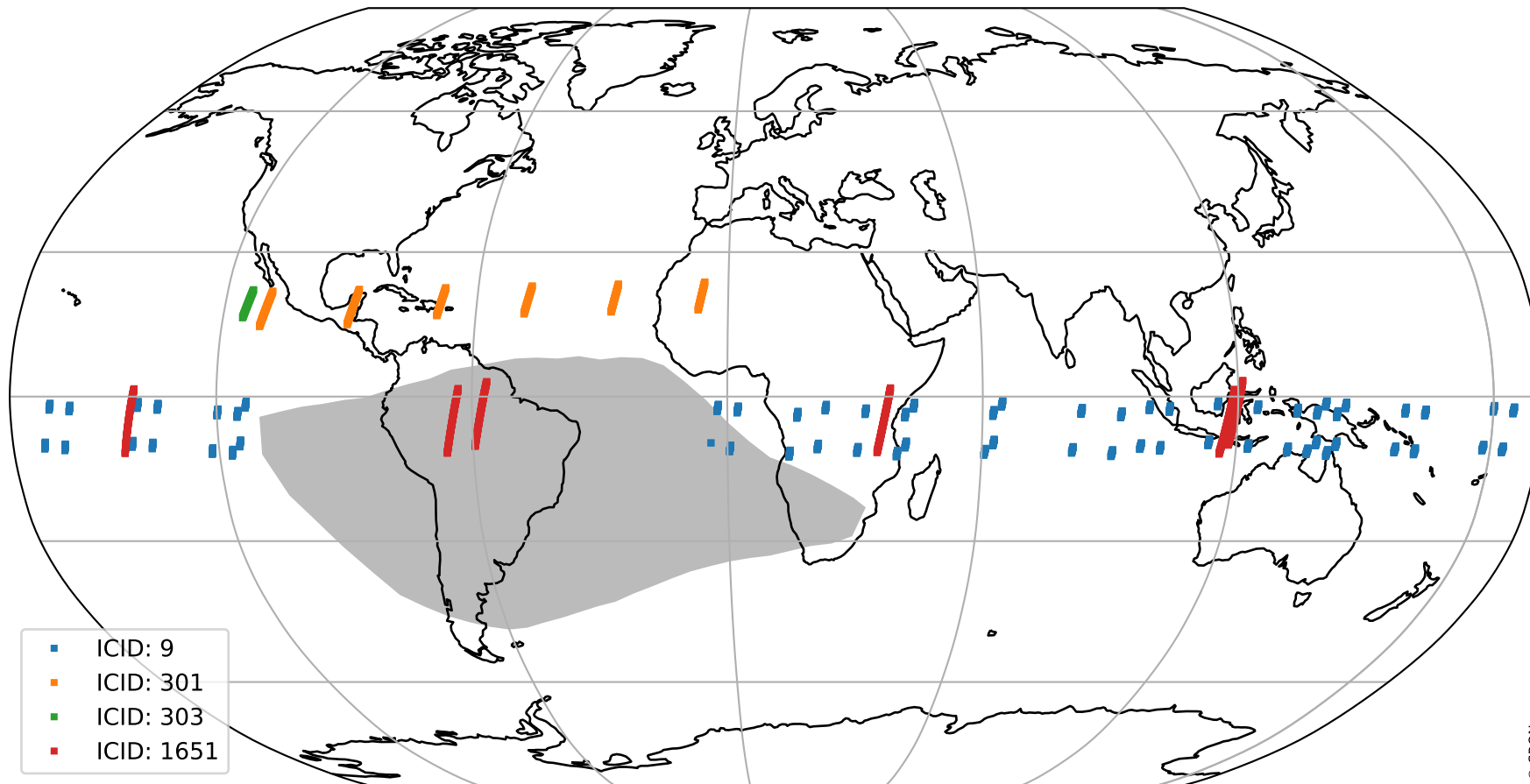
Tropomi SWIR background noise (swir)

orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
median : 0.94598
spread : 0.094417
created : 2023-08-21T14:52:18



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

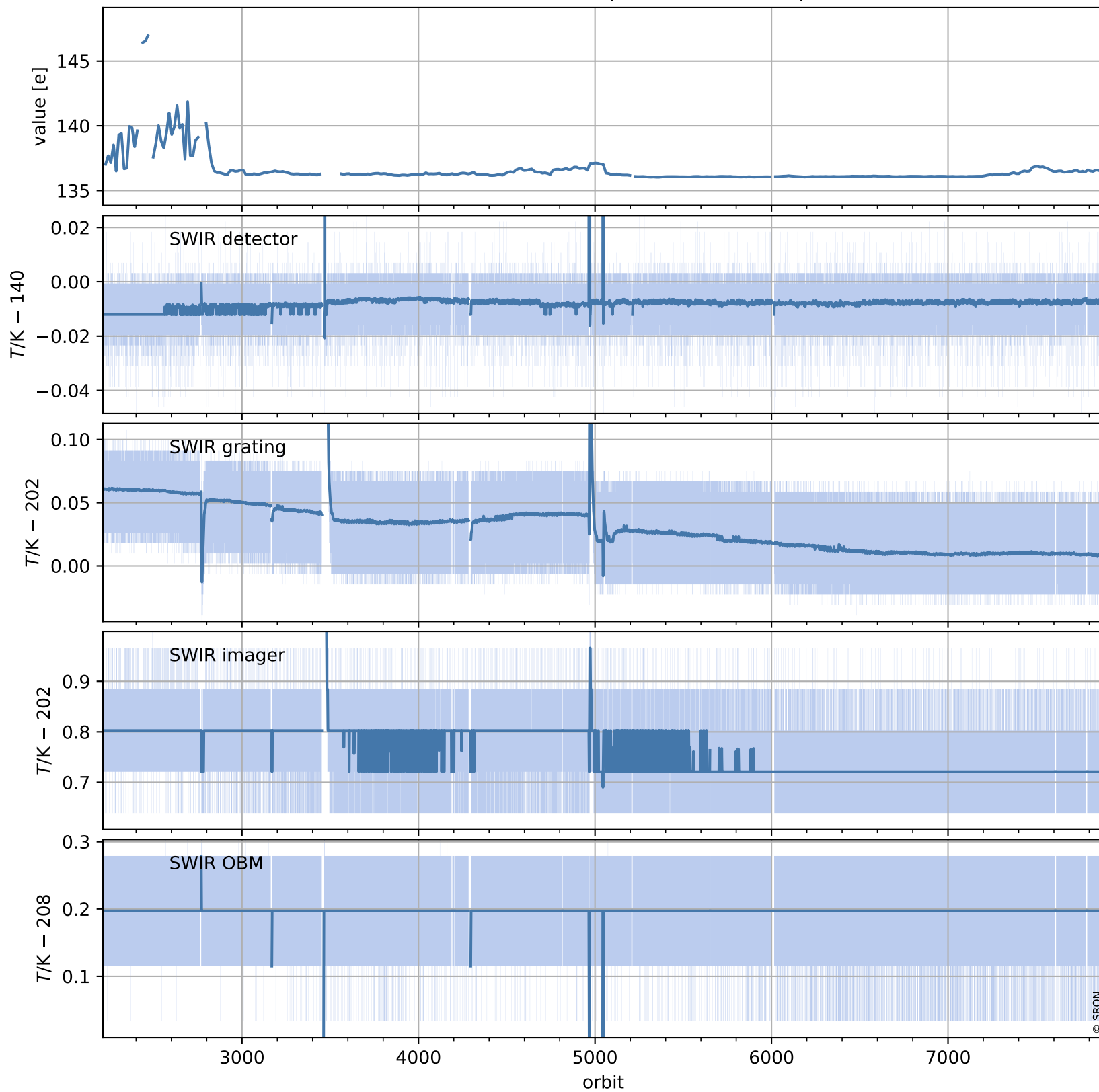
orbits : 13 in [7792, 7882]
coverage : 2019-04-16 / 2019-04-21
created : 2023-08-21T14:52:19



Tropomi SWIR background noise (swir)

orbits : [2212, 7882]
coverage : 2018-03-18 / 2019-04-21
created : 2023-08-21T14:52:19

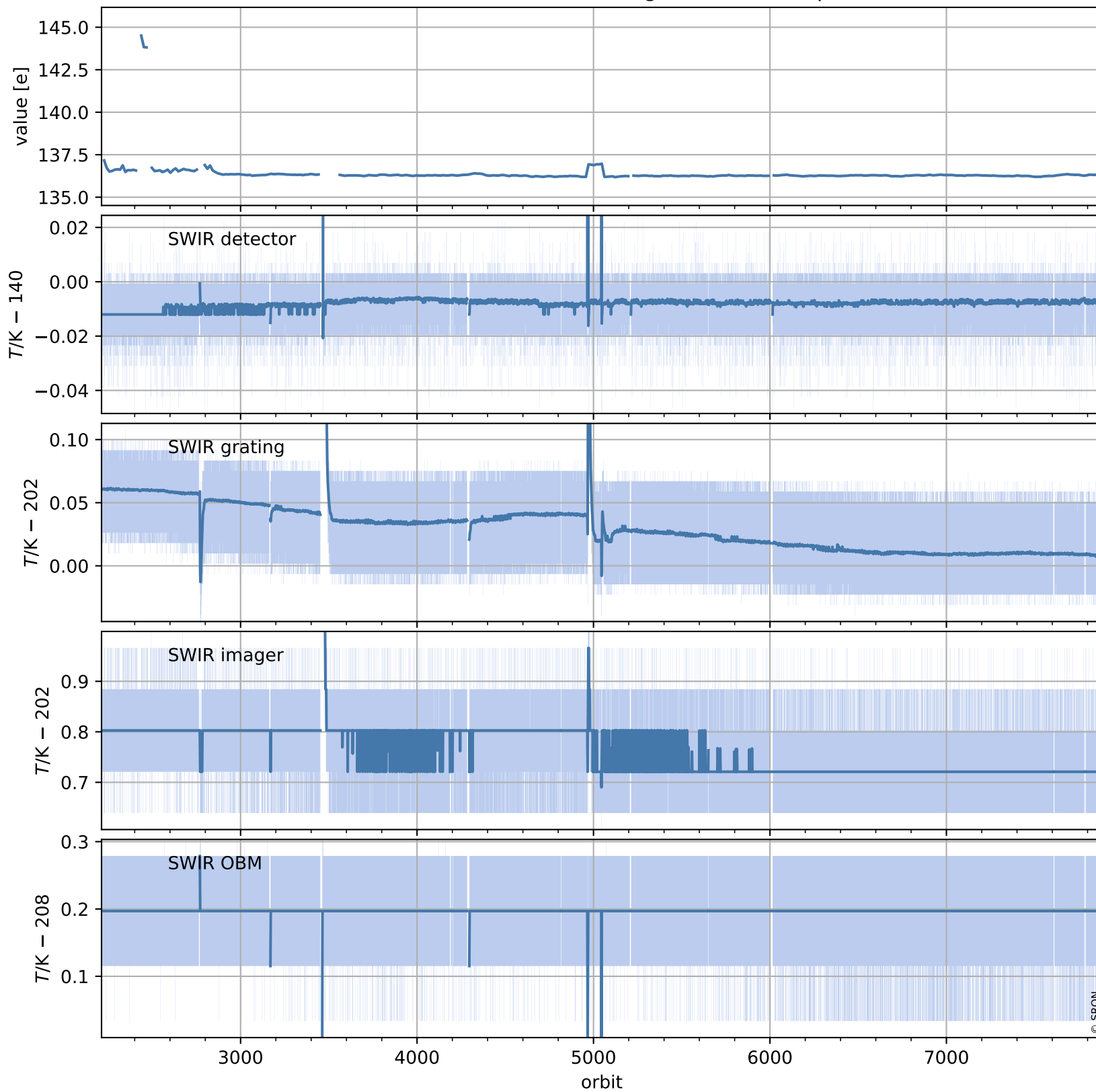
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7882]
coverage : 2018-03-18 / 2019-04-21
created : 2023-08-21T14:52:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7882]
coverage : 2018-03-18 / 2019-04-21
created : 2023-08-21T14:52:21

trend of normalized read-noise & temperatures

