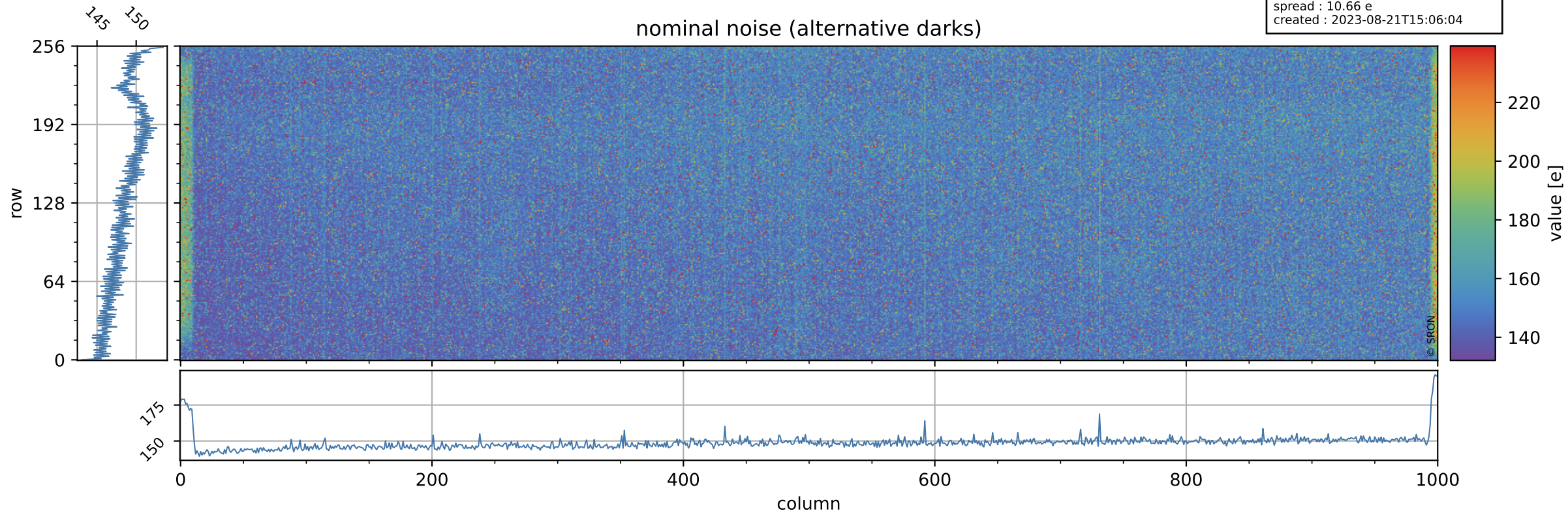


Tropomi SWIR background noise (swir)

orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.66 e
created : 2023-08-21T15:06:04

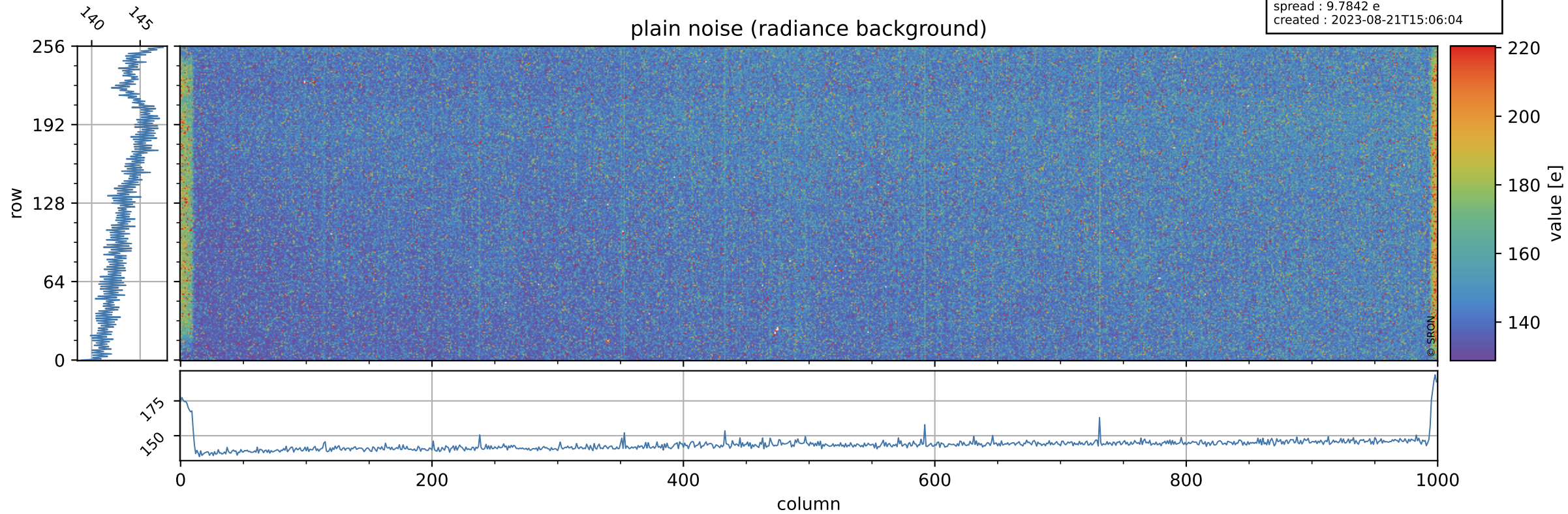
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7842 e
created : 2023-08-21T15:06:04

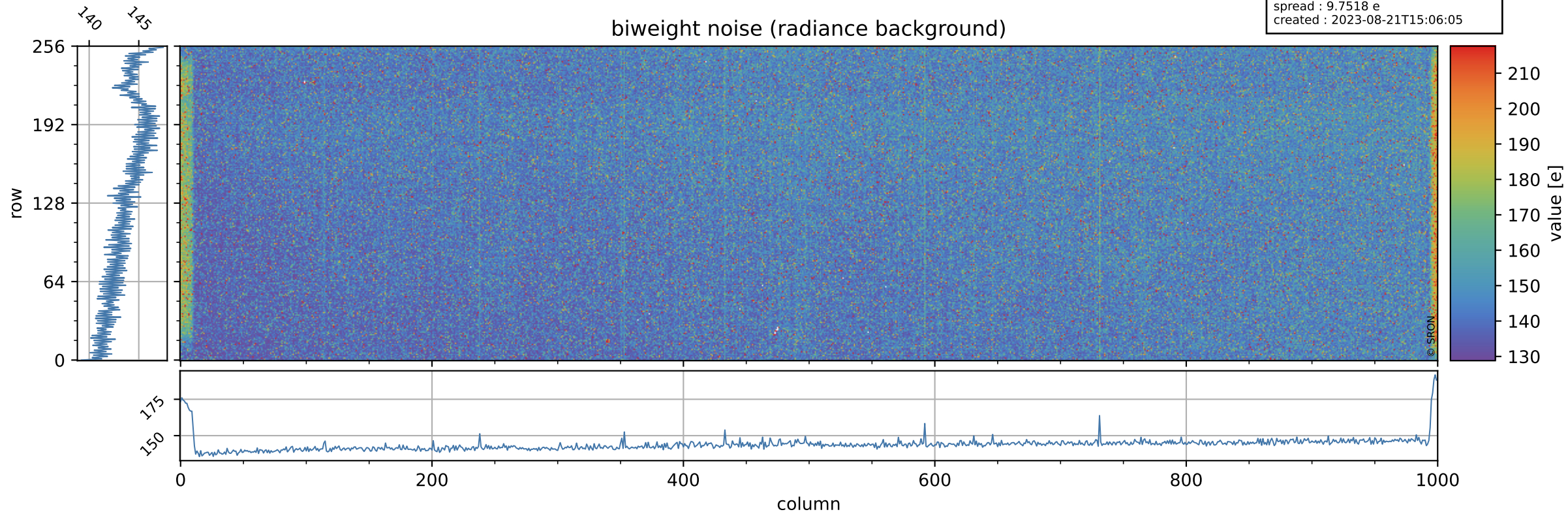
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.7518 e
created : 2023-08-21T15:06:05

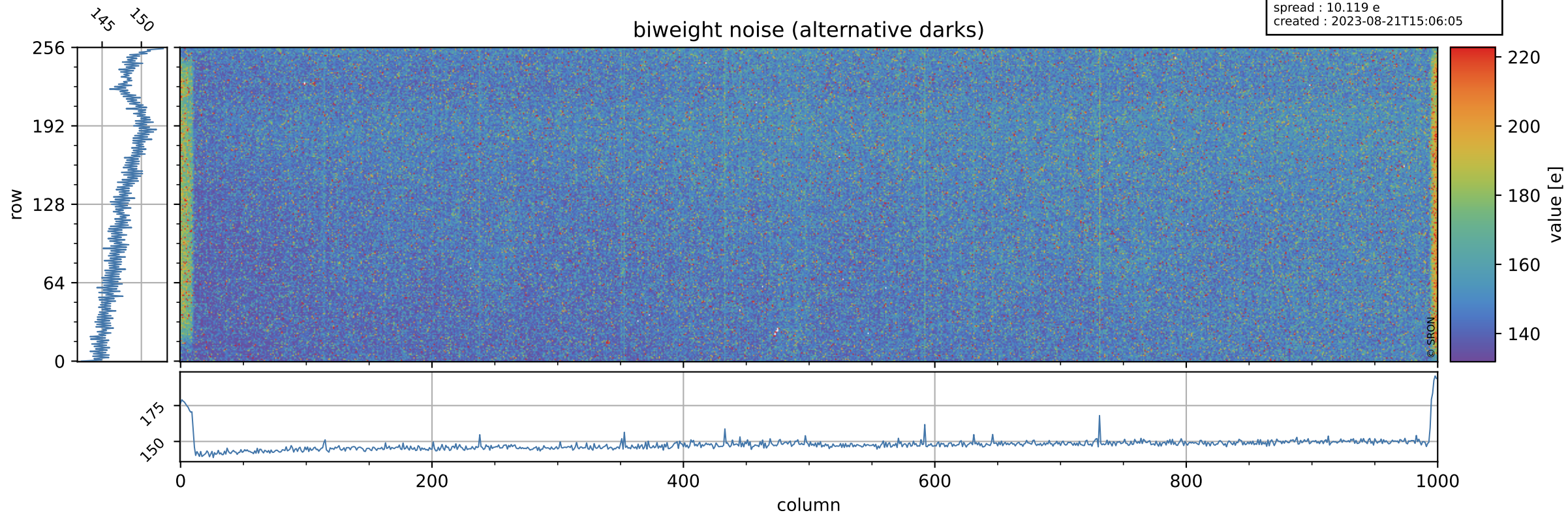
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.119 e
created : 2023-08-21T15:06:05

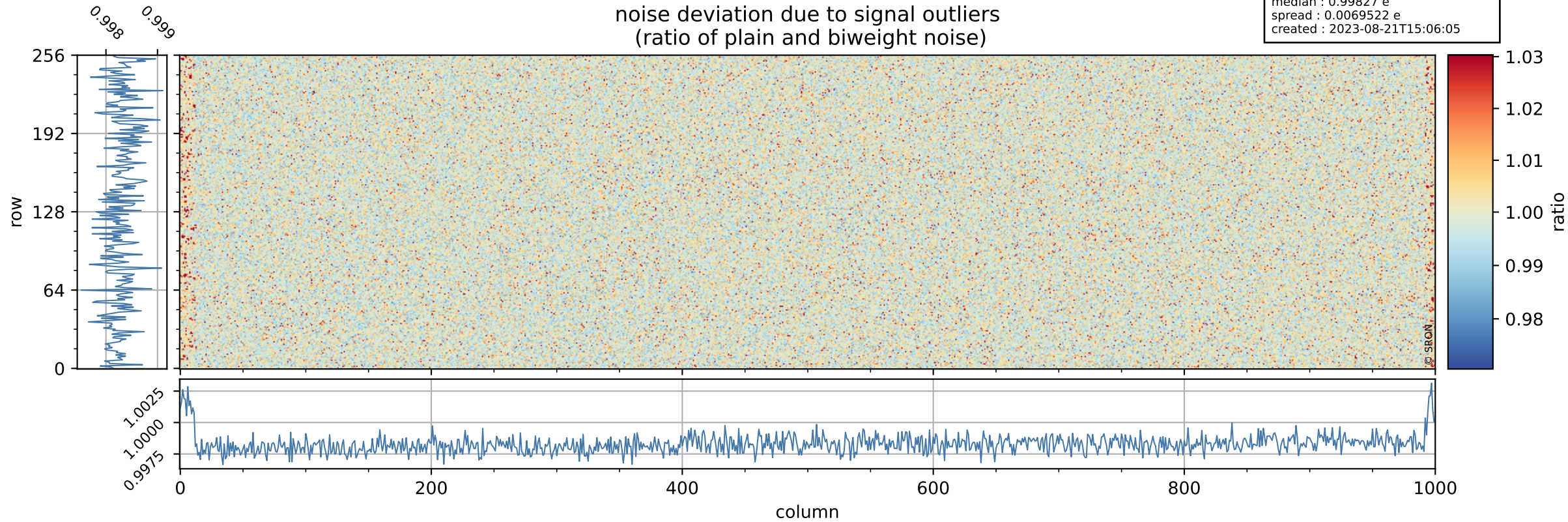
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

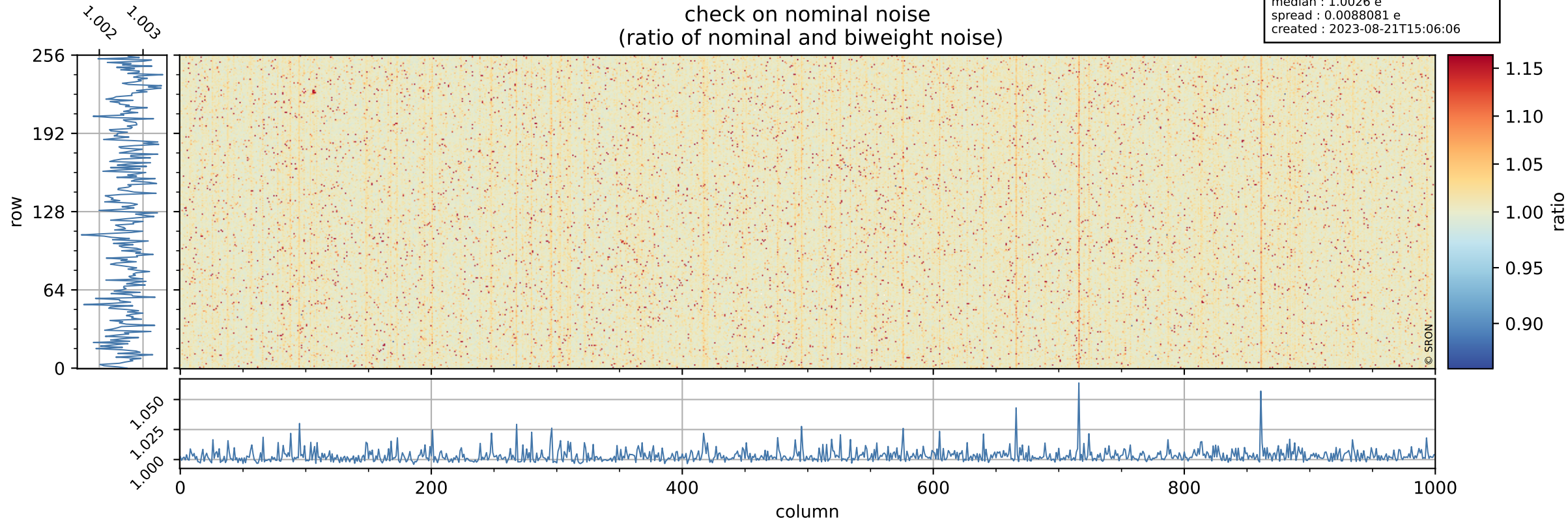
orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
median : 0.99827 e
spread : 0.0069522 e
created : 2023-08-21T15:06:05



Tropomi SWIR background noise (swir)

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

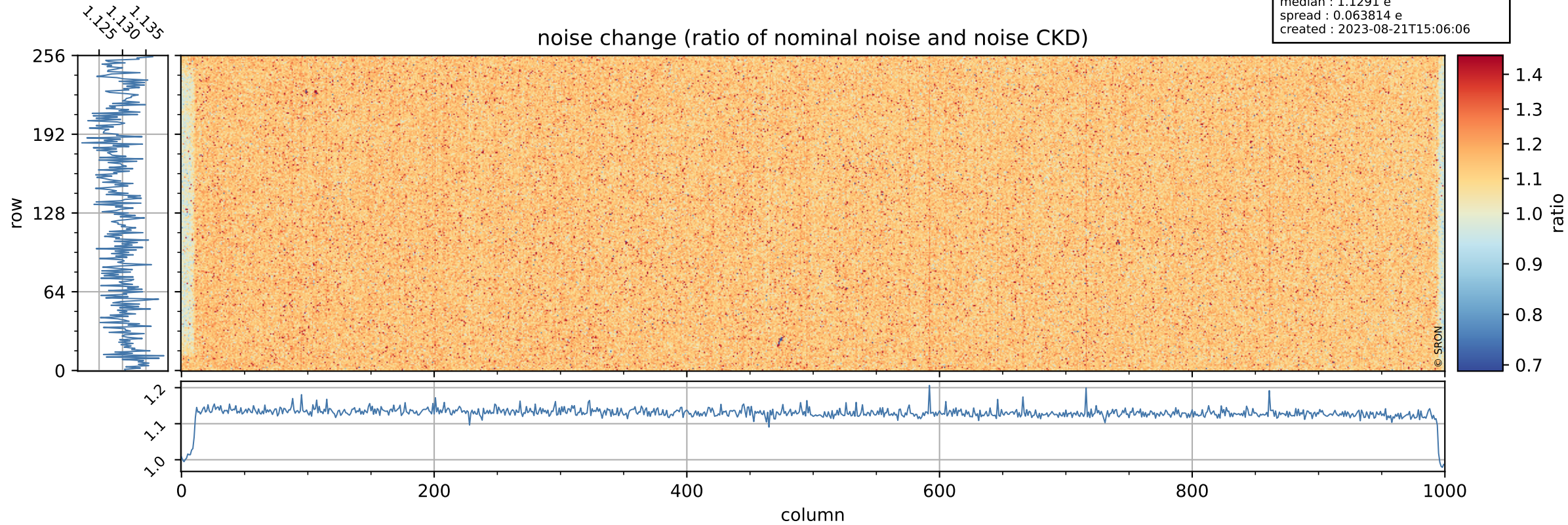
orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
median : 1.0026 e
spread : 0.0088081 e
created : 2023-08-21T15:06:06



Tropomi SWIR background noise (swir)

orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
median : 1.1291 e
spread : 0.063814 e
created : 2023-08-21T15:06:06

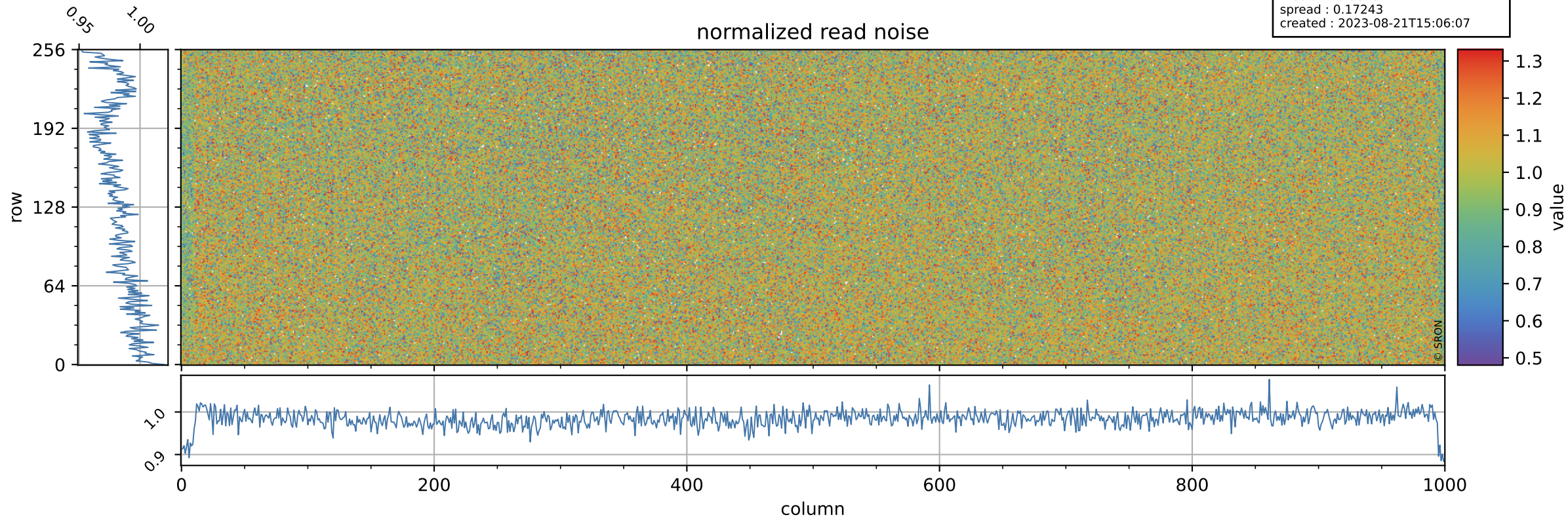
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

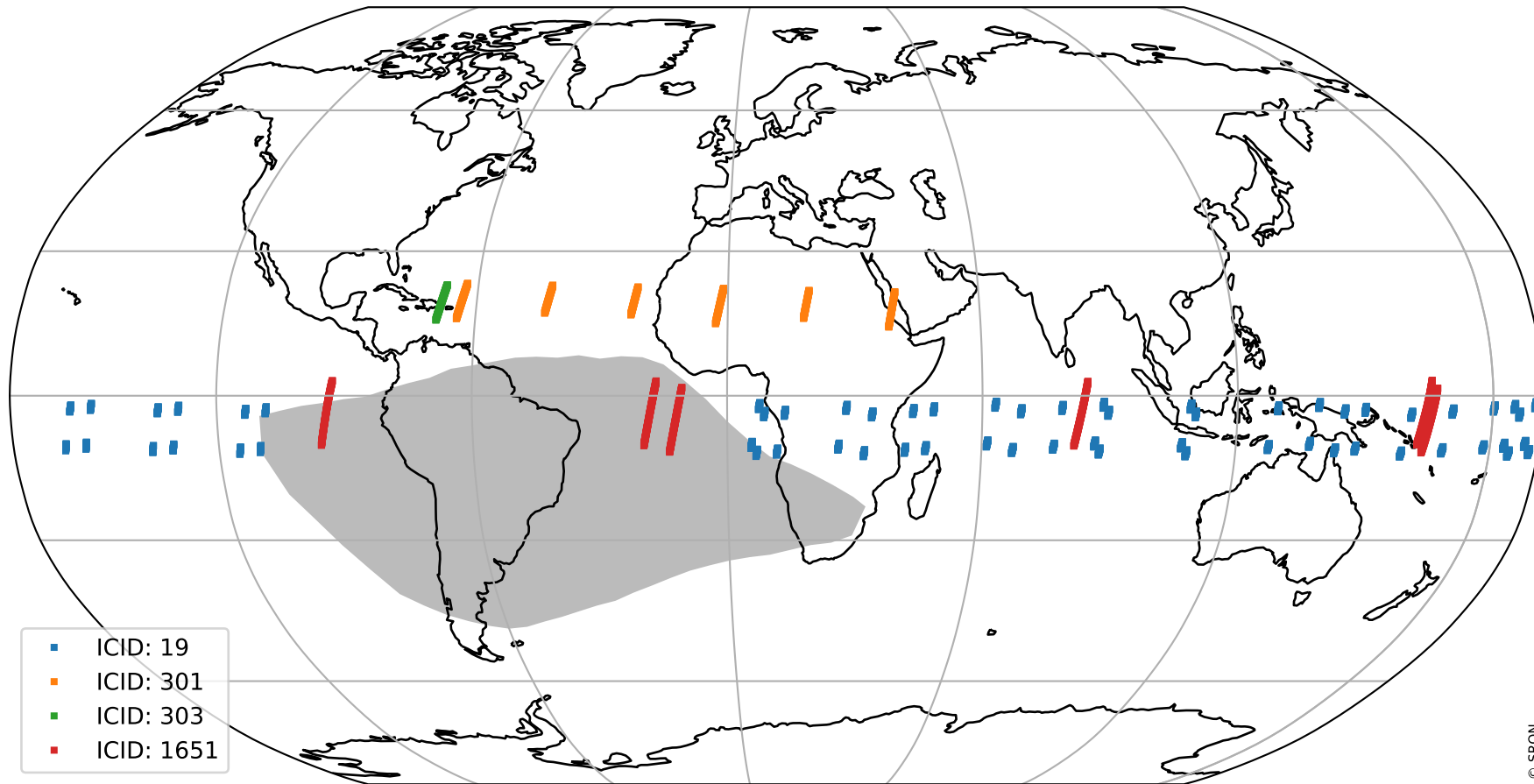
orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
median : 0.98252
spread : 0.17243
created : 2023-08-21T15:06:07

normalized read noise



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

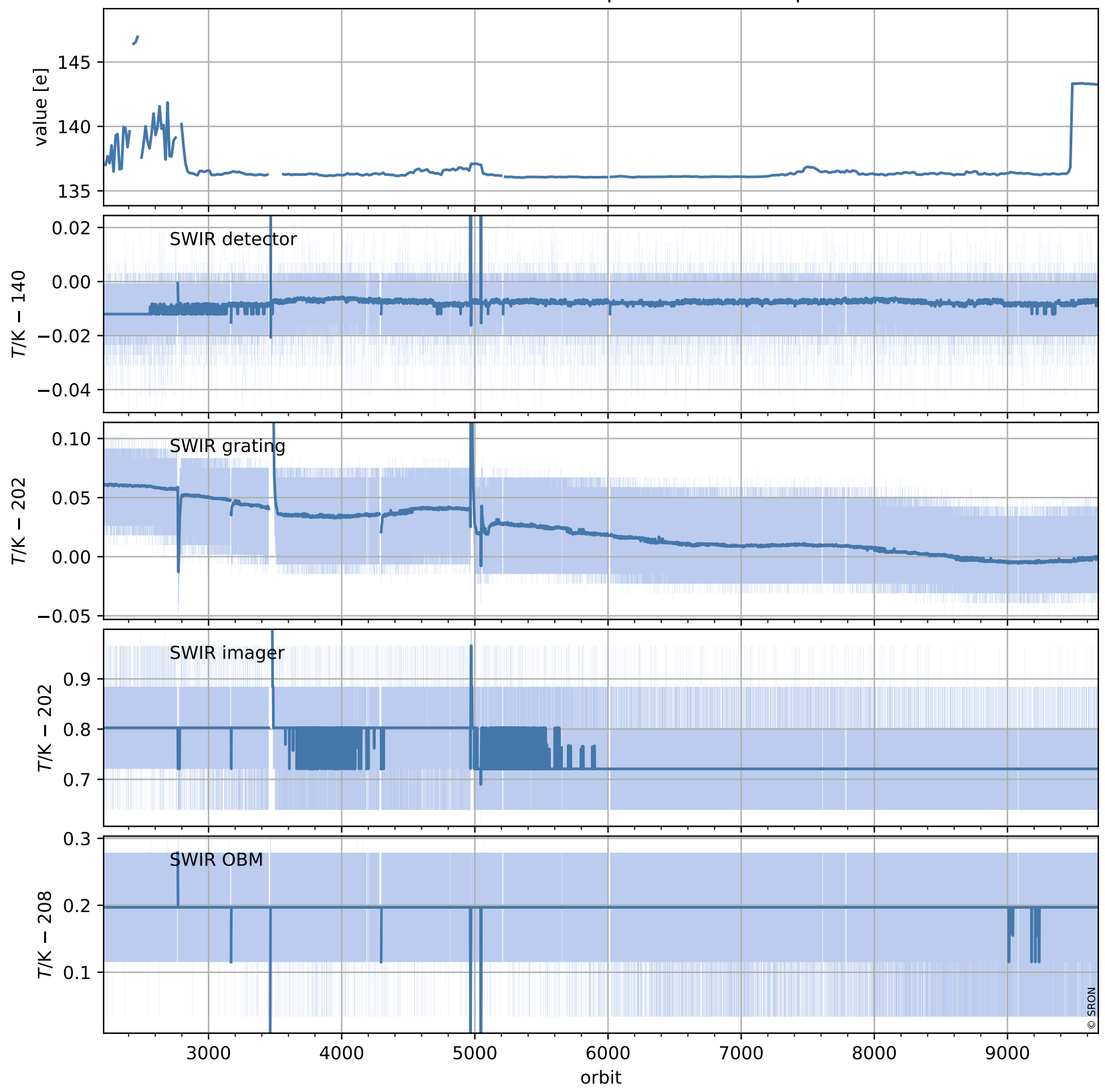
orbits : 13 in [9592, 9682]
coverage : 2019-08-20 / 2019-08-26
created : 2023-08-21T15:06:07



Tropomi SWIR background noise (swir)

orbits : [2212, 9682]
coverage : 2018-03-18 / 2019-08-26
created : 2023-08-21T15:06:08

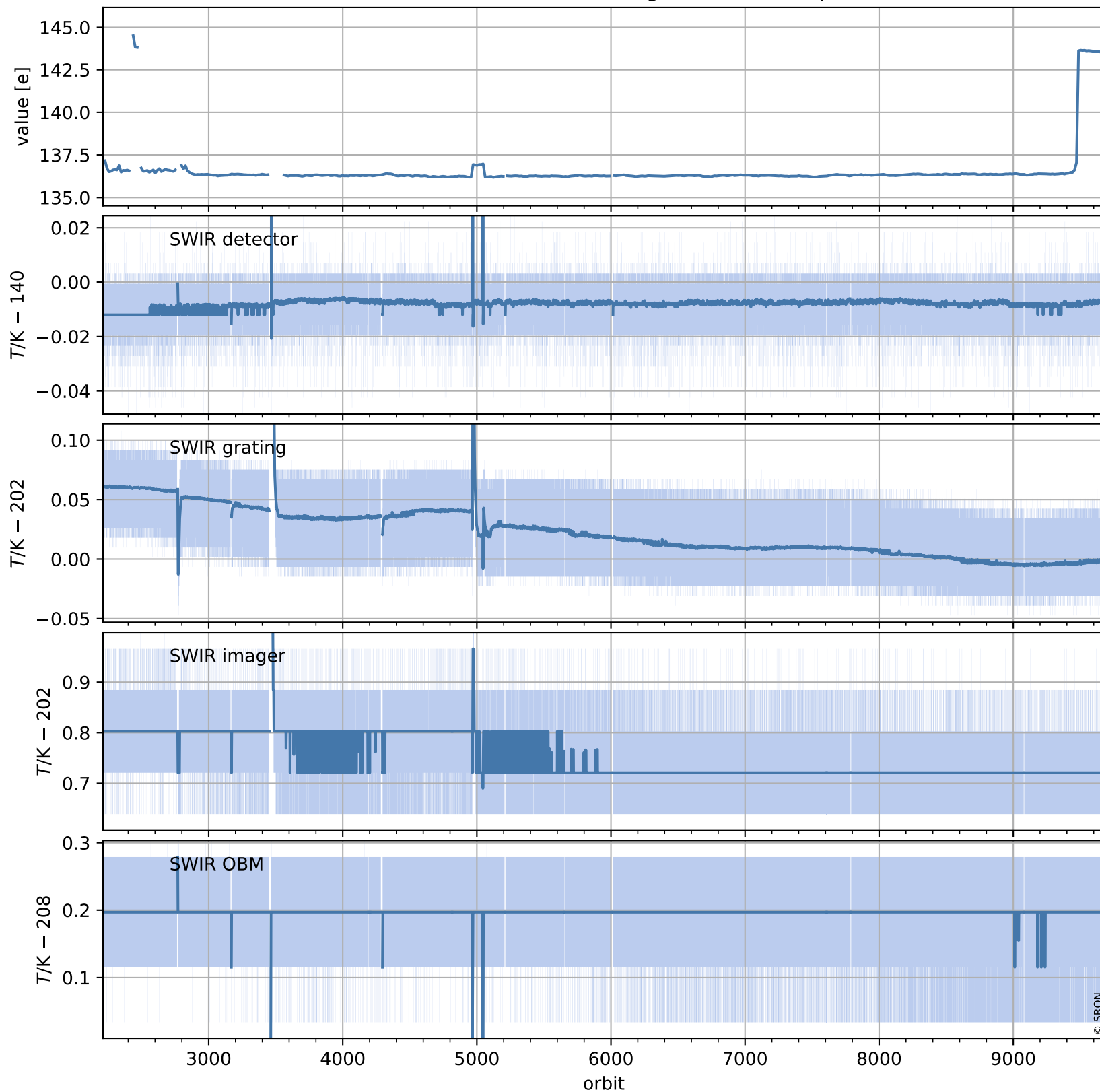
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9682]
coverage : 2018-03-18 / 2019-08-26
created : 2023-08-21T15:06:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9682]
coverage : 2018-03-18 / 2019-08-26
created : 2023-08-21T15:06:09

trend of normalized read-noise & temperatures

