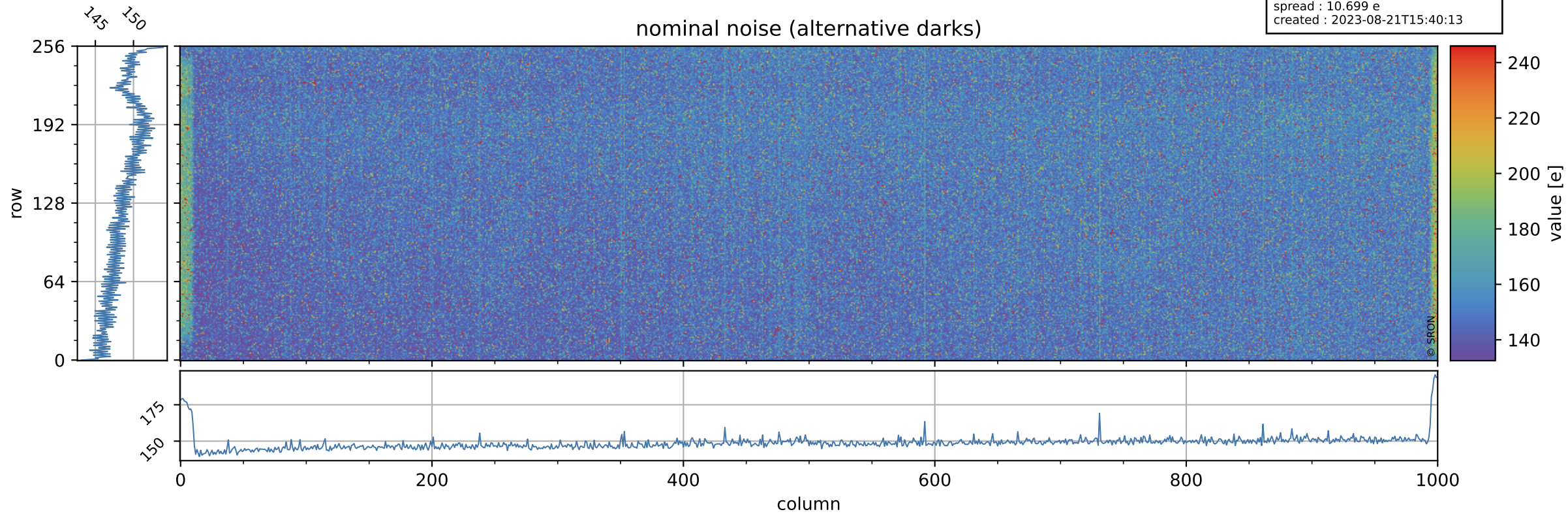


Tropomi SWIR background noise (swir)

orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.699 e
created : 2023-08-21T15:40:13

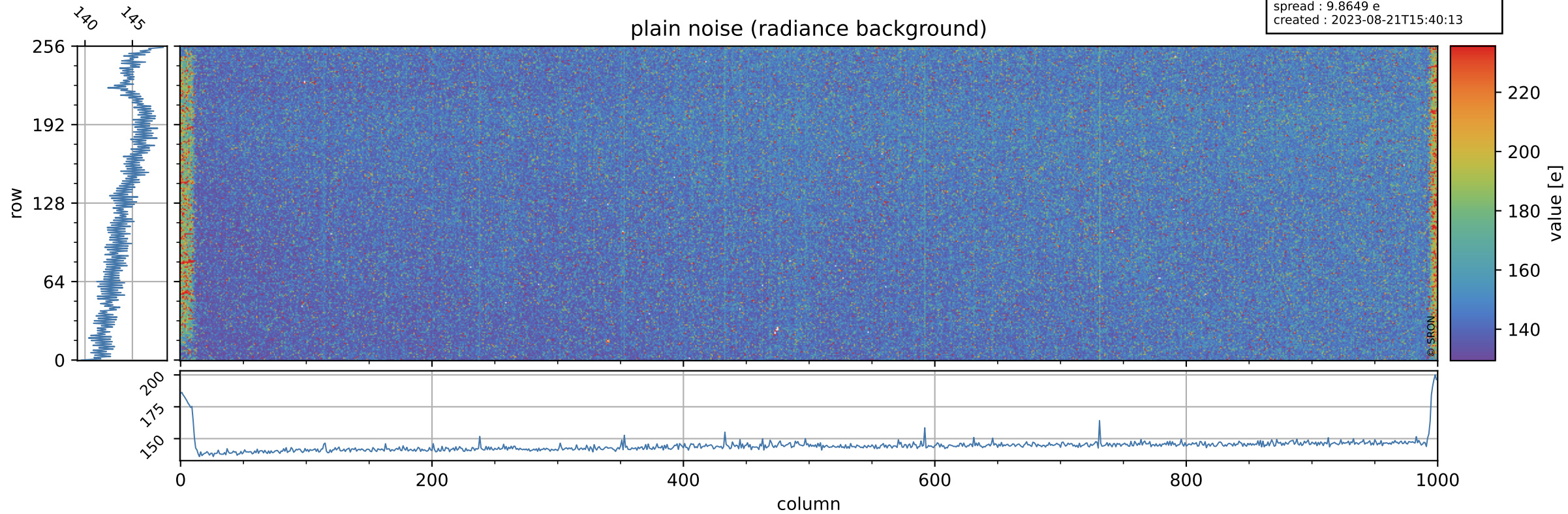
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
n_coad, t_exp : 1, 0.8383
median : 144.07 e
spread : 9.8649 e
created : 2023-08-21T15:40:13

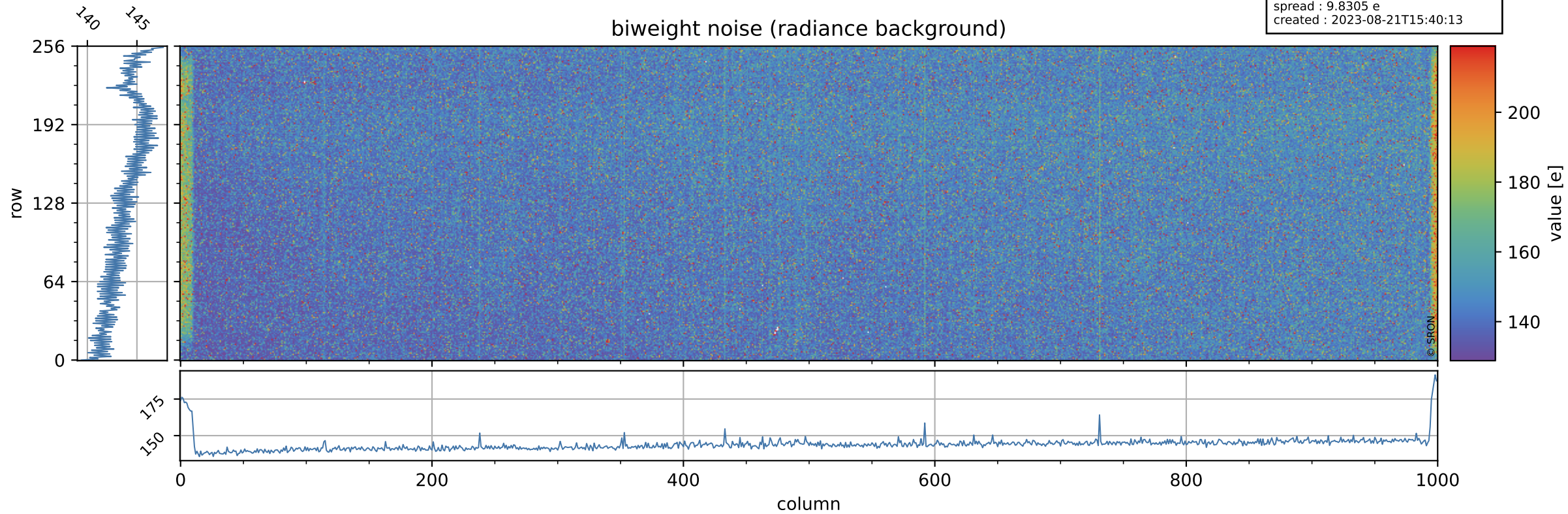
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8305 e
created : 2023-08-21T15:40:13

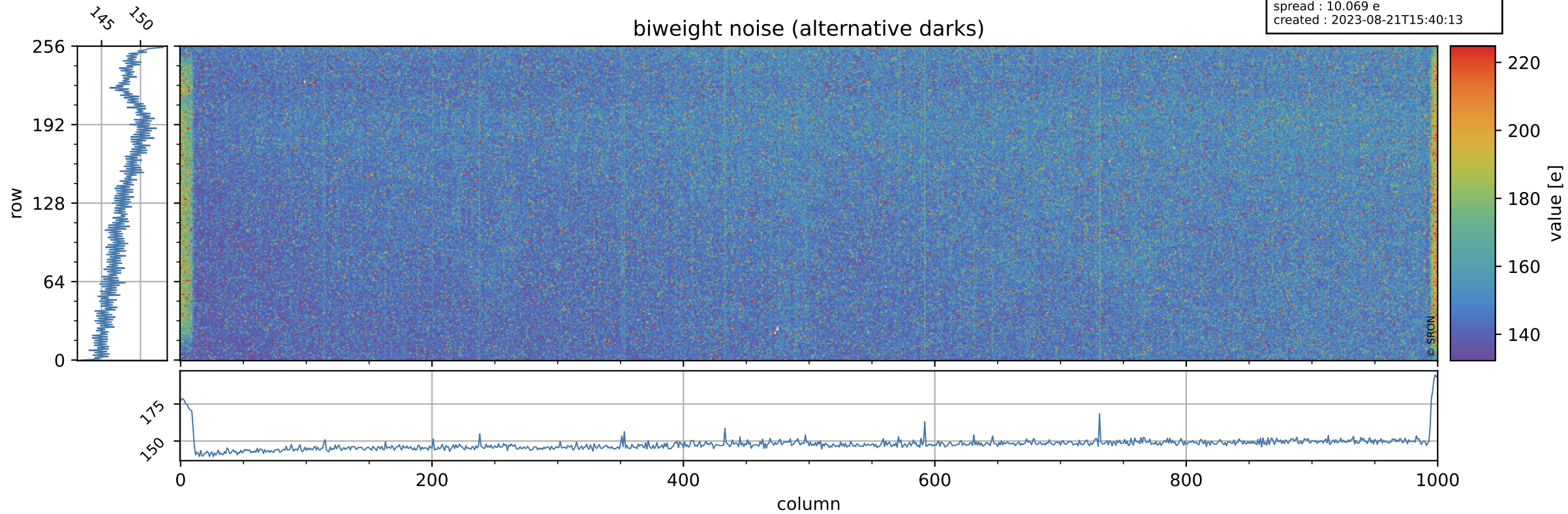
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.069 e
created : 2023-08-21T15:40:13

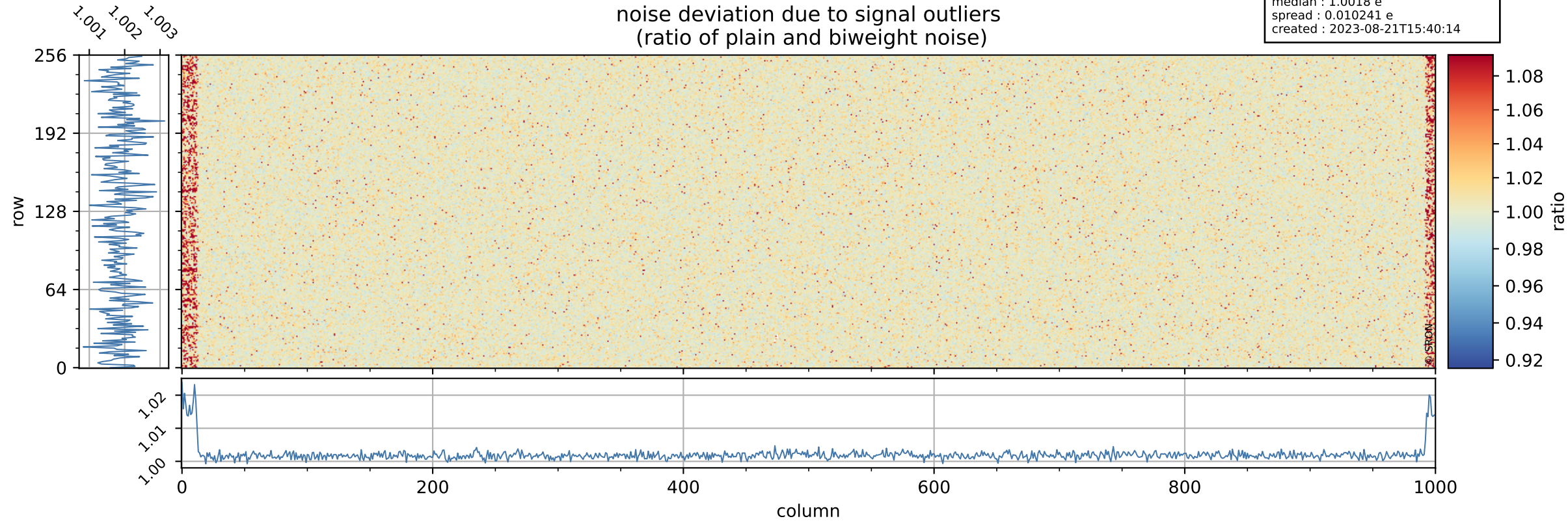
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

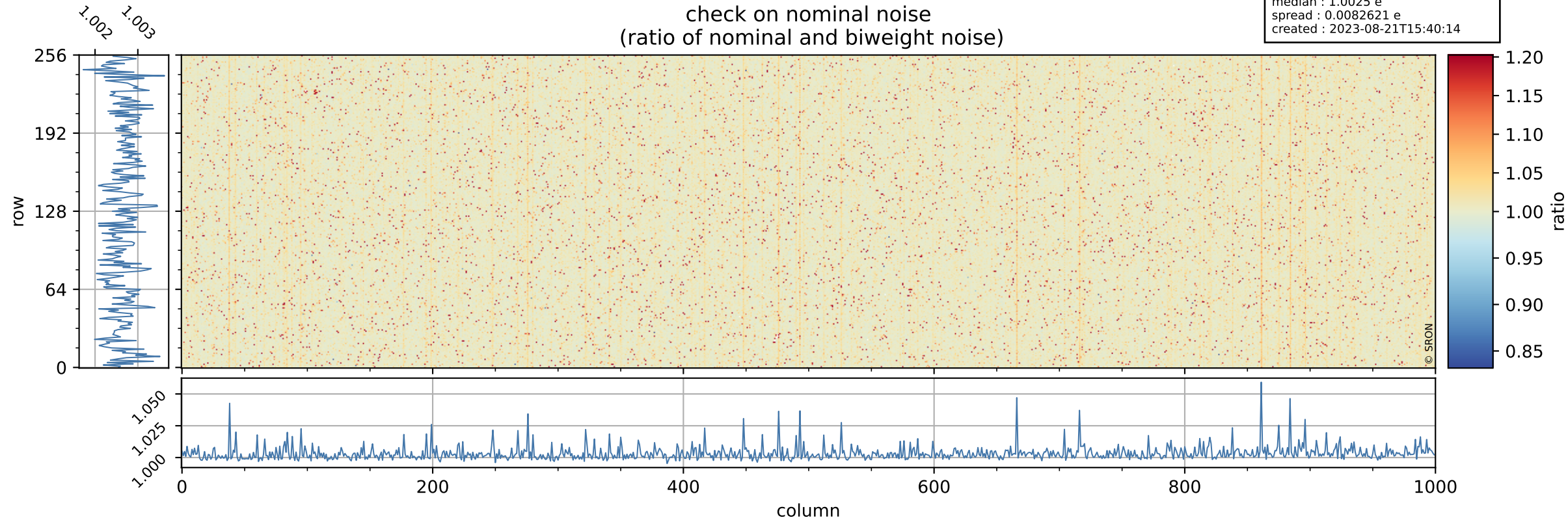
orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
median : 1.0018 e
spread : 0.010241 e
created : 2023-08-21T15:40:14



Tropomi SWIR background noise (swir)

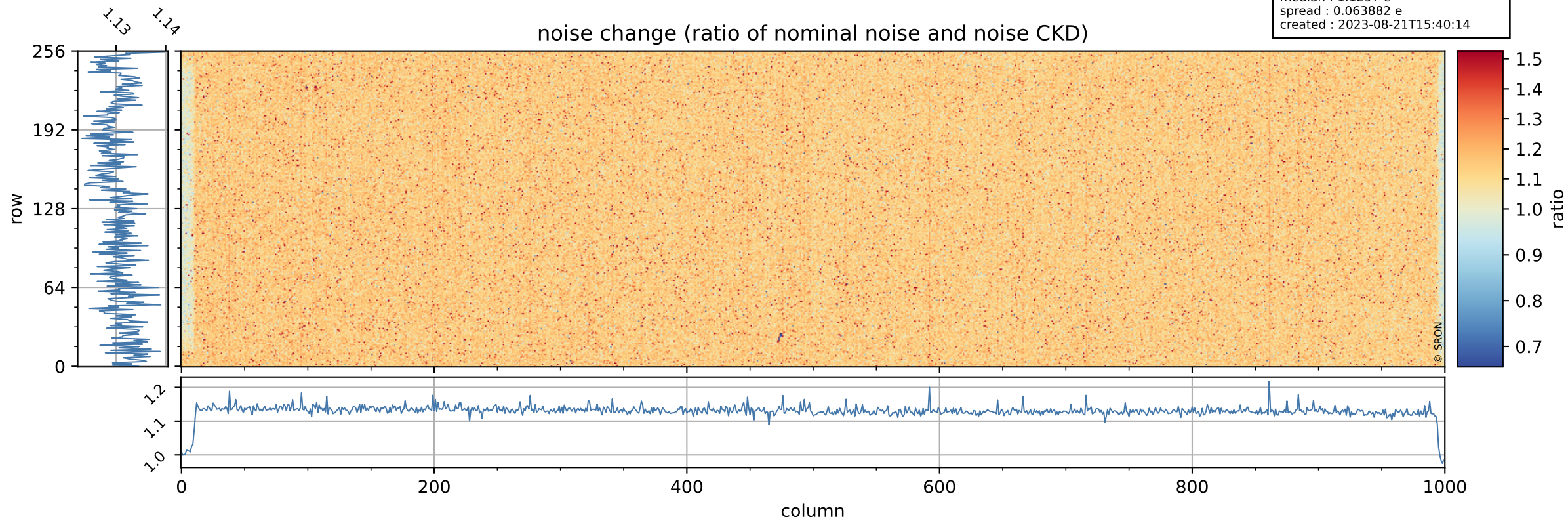
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
median : 1.0025 e
spread : 0.0082621 e
created : 2023-08-21T15:40:14



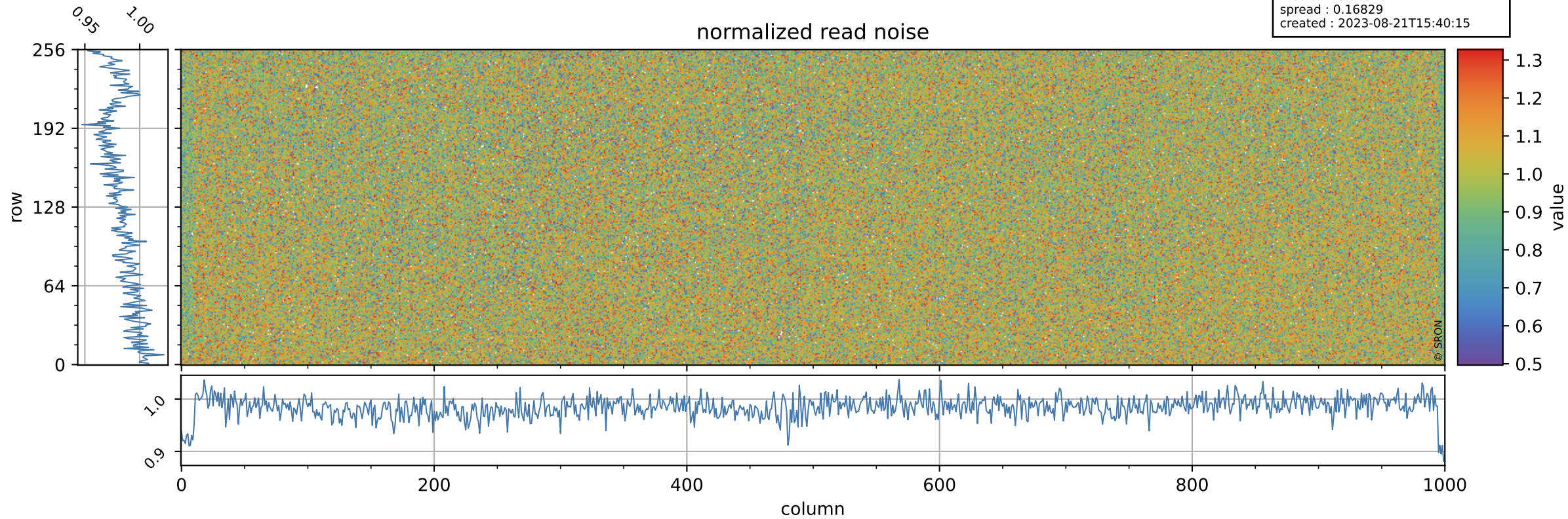
Tropomi SWIR background noise (swir)

orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
median : 1.1297 e
spread : 0.063882 e
created : 2023-08-21T15:40:14



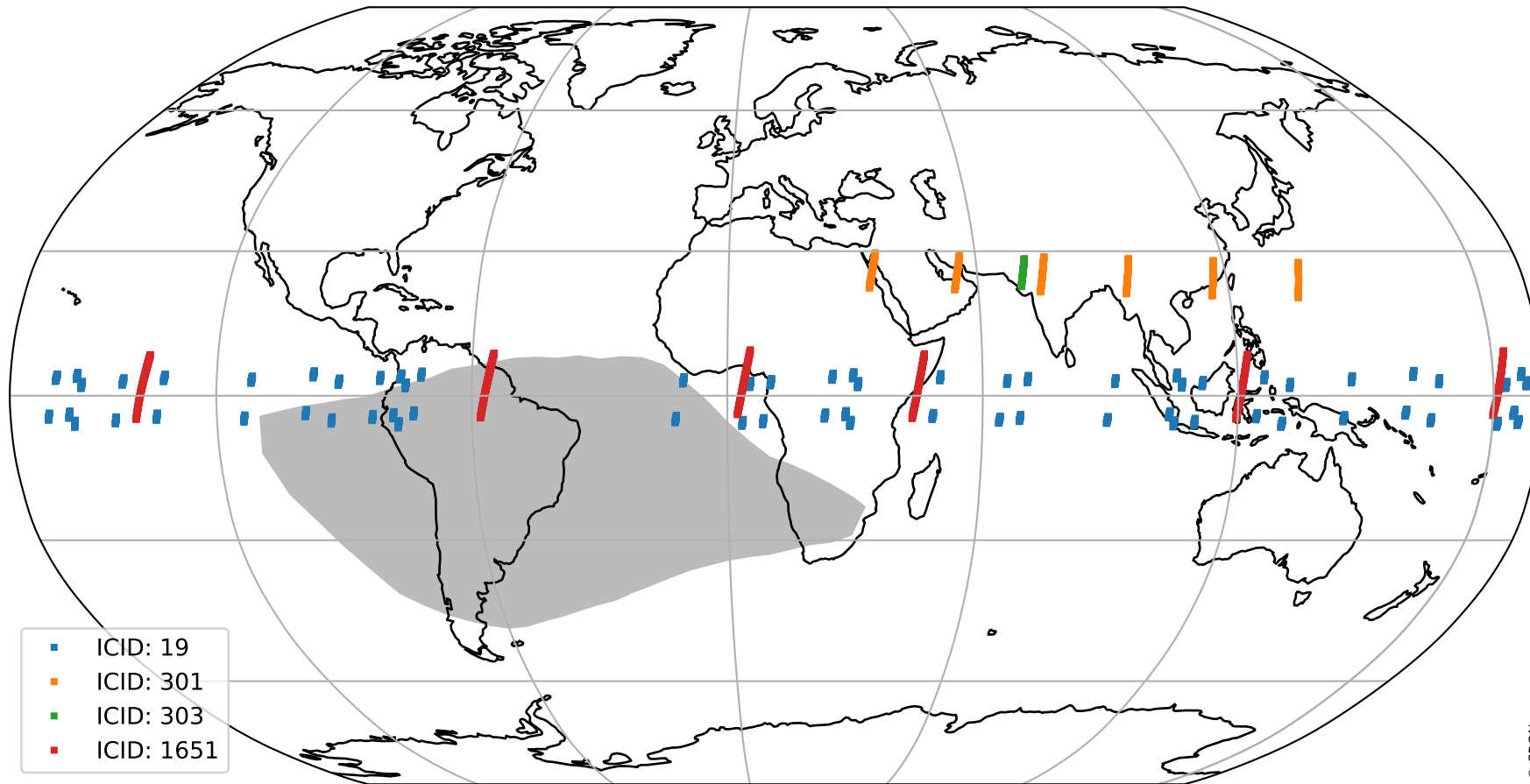
Tropomi SWIR background noise (swir)

orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
median : 0.98325
spread : 0.16829
created : 2023-08-21T15:40:15



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

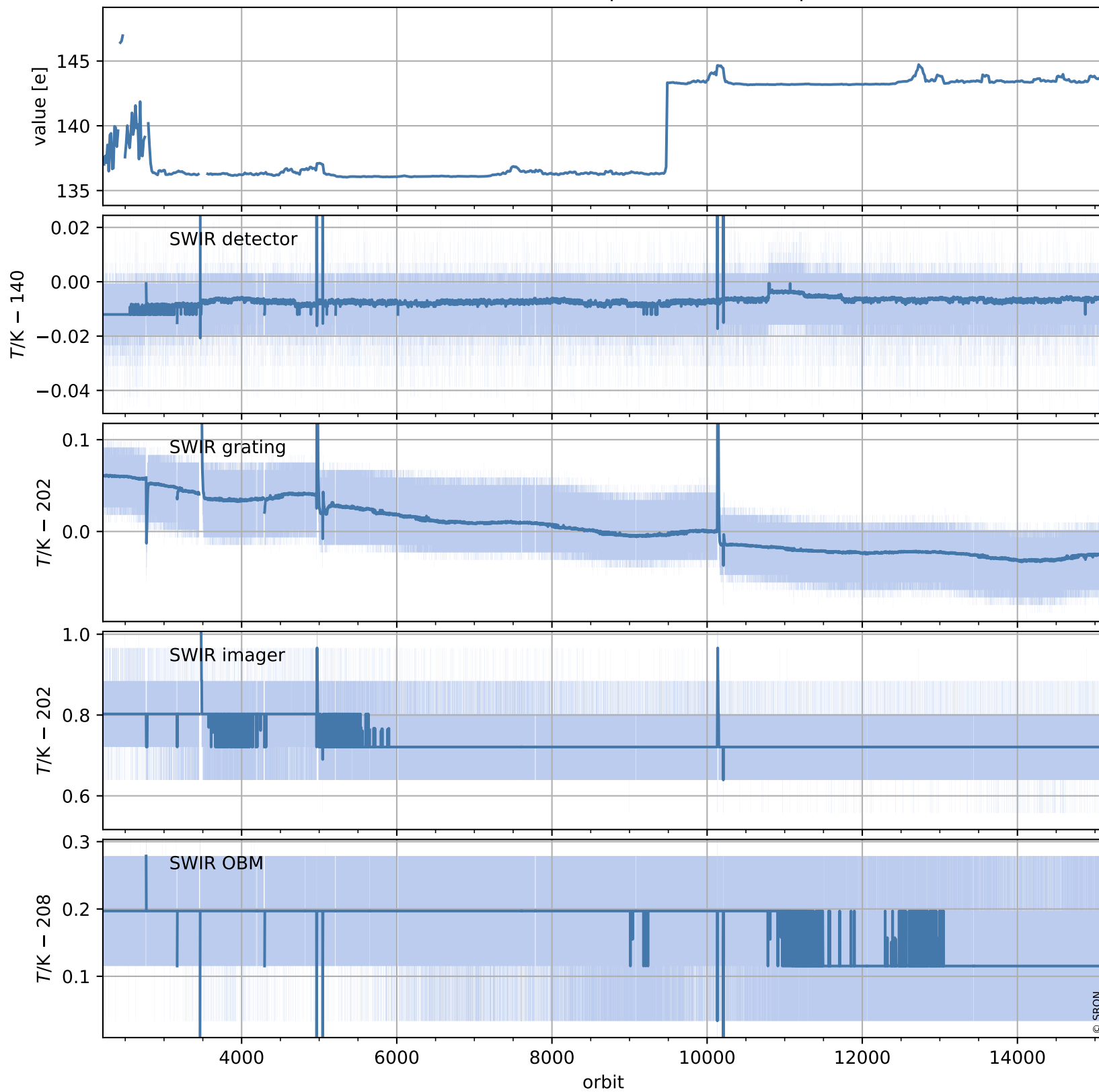
orbits : 13 in [15022, 15112]
coverage : 2020-09-06 / 2020-09-12
created : 2023-08-21T15:40:15



Tropomi SWIR background noise (swir)

orbits : [2212, 15112]
coverage : 2018-03-18 / 2020-09-12
created : 2023-08-21T15:40:15

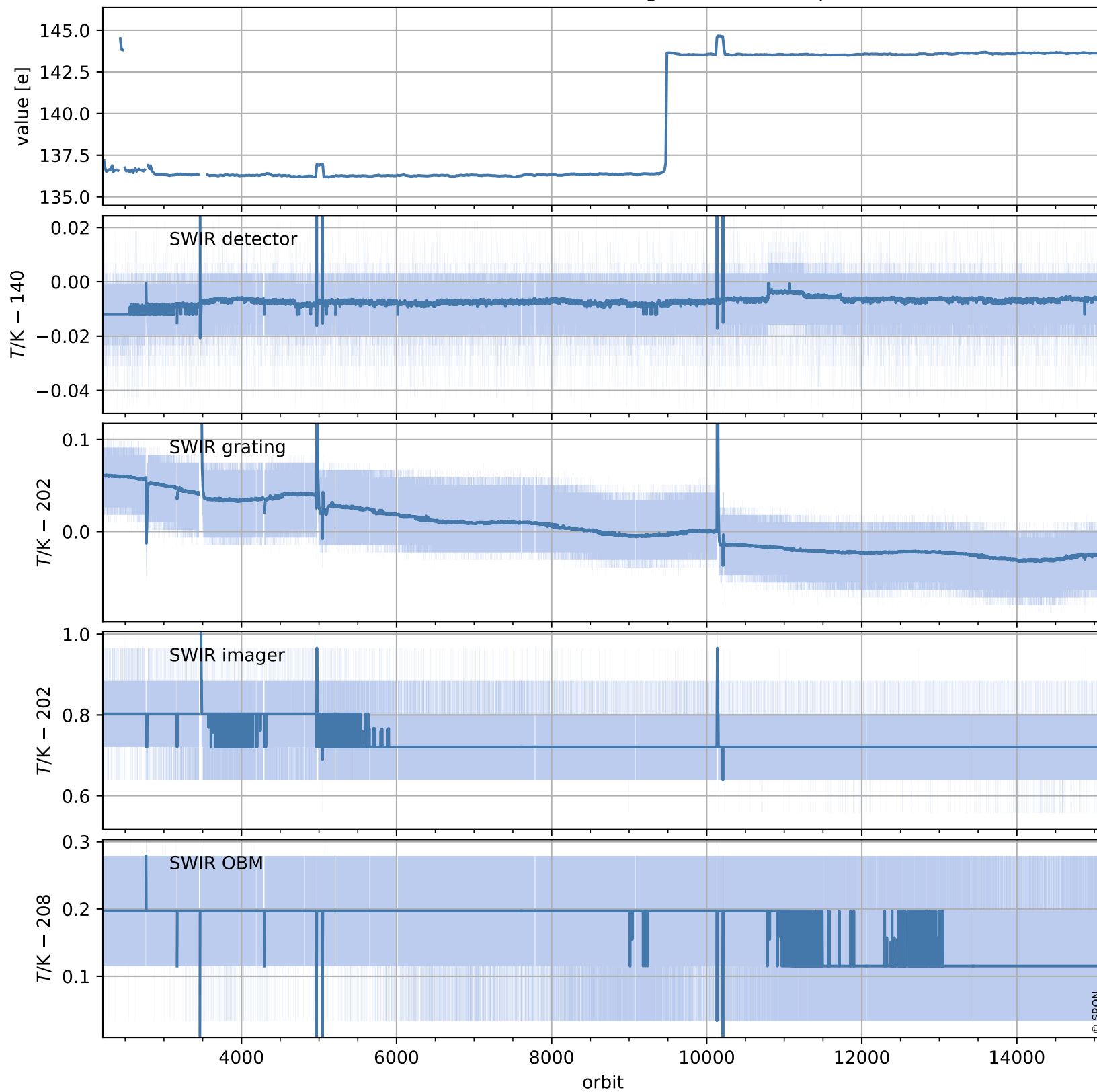
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15112]
coverage : 2018-03-18 / 2020-09-12
created : 2023-08-21T15:40:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15112]
coverage : 2018-03-18 / 2020-09-12
created : 2023-08-21T15:40:17

trend of normalized read-noise & temperatures

