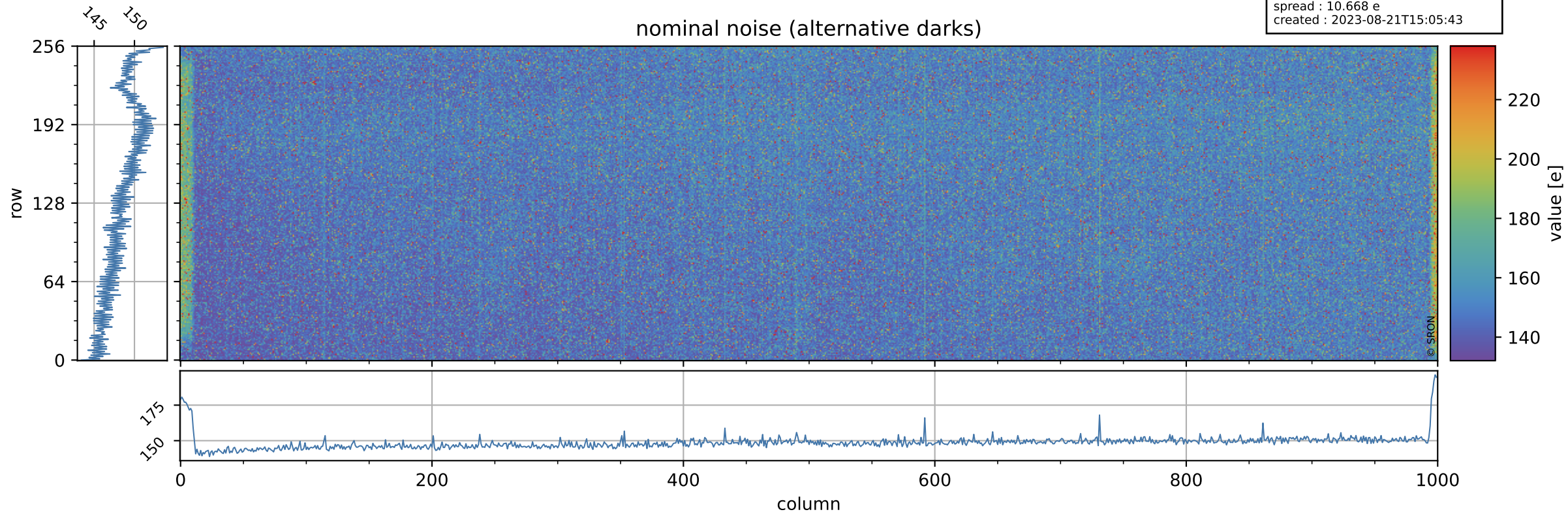


Tropomi SWIR background noise (swir)

orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.668 e
created : 2023-08-21T15:05:43

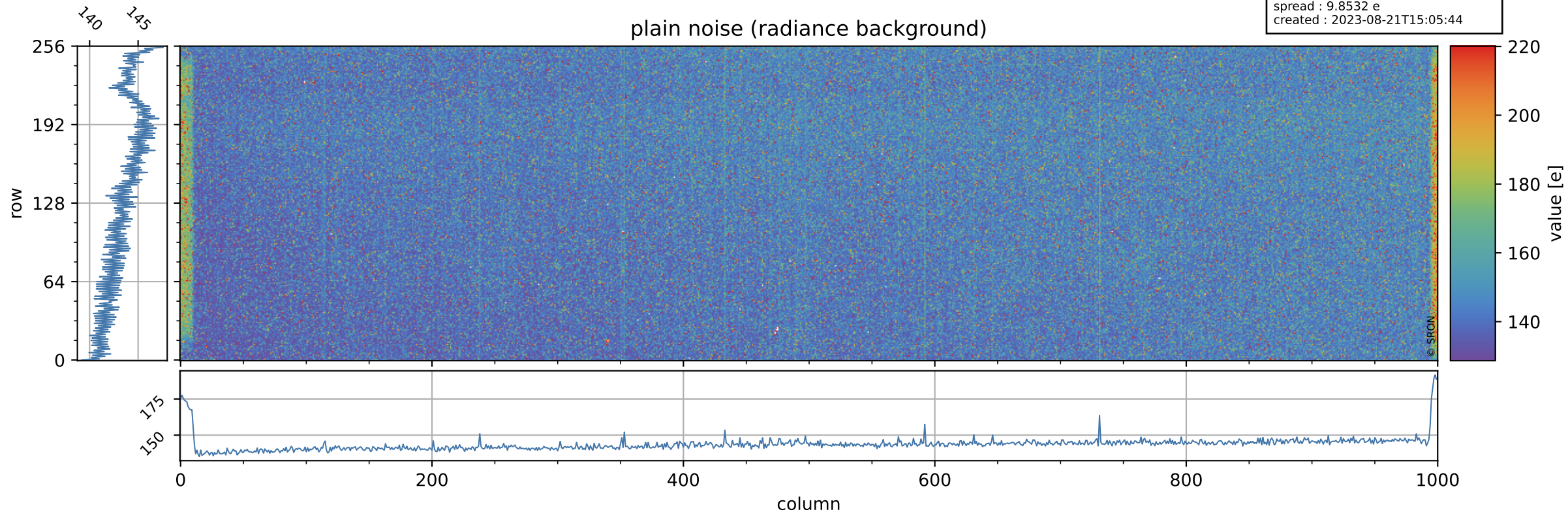
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.8532 e
created : 2023-08-21T15:05:44

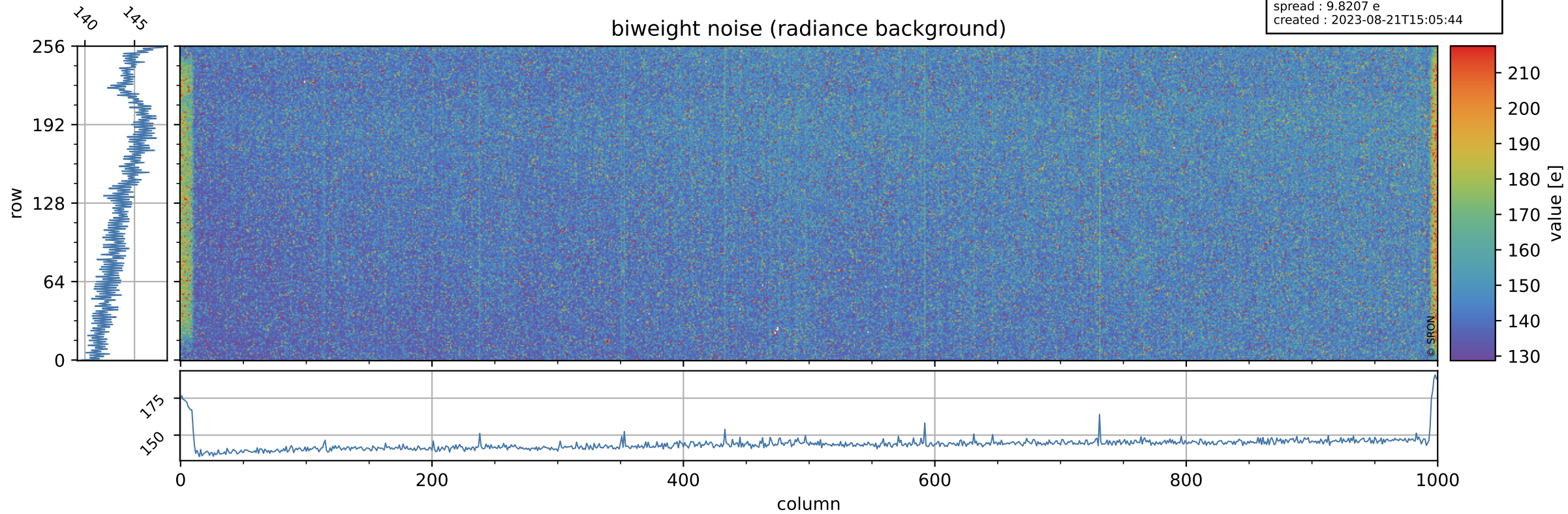
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8207 e
created : 2023-08-21T15:05:44

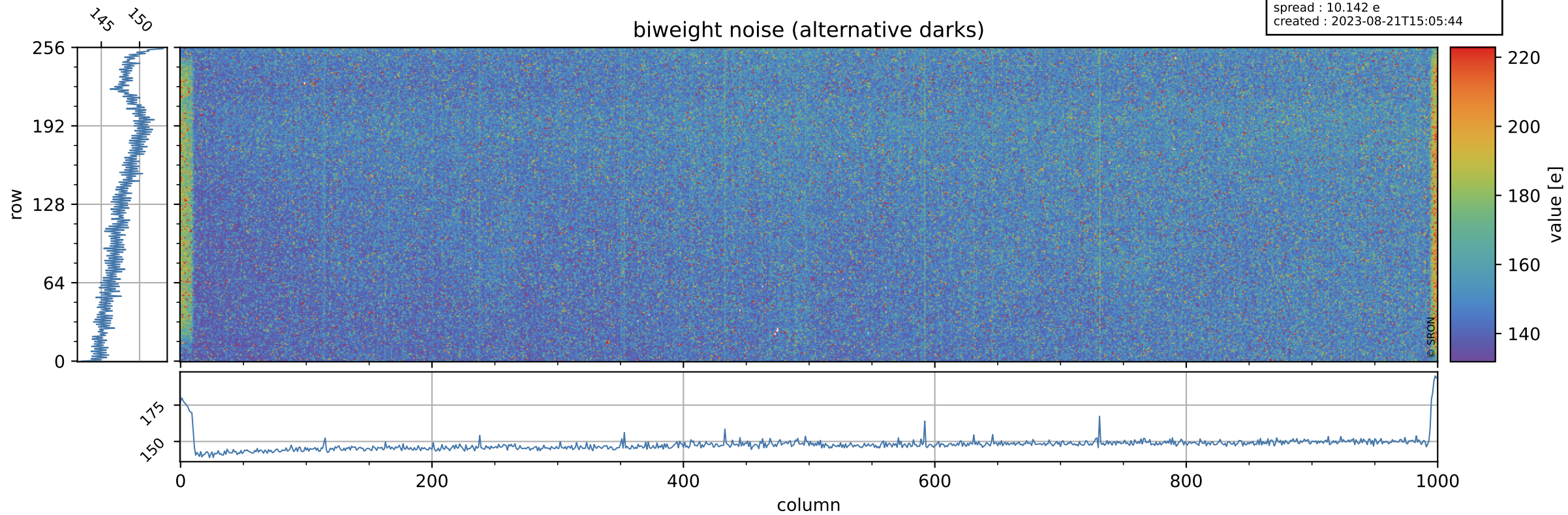
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.142 e
created : 2023-08-21T15:05:44

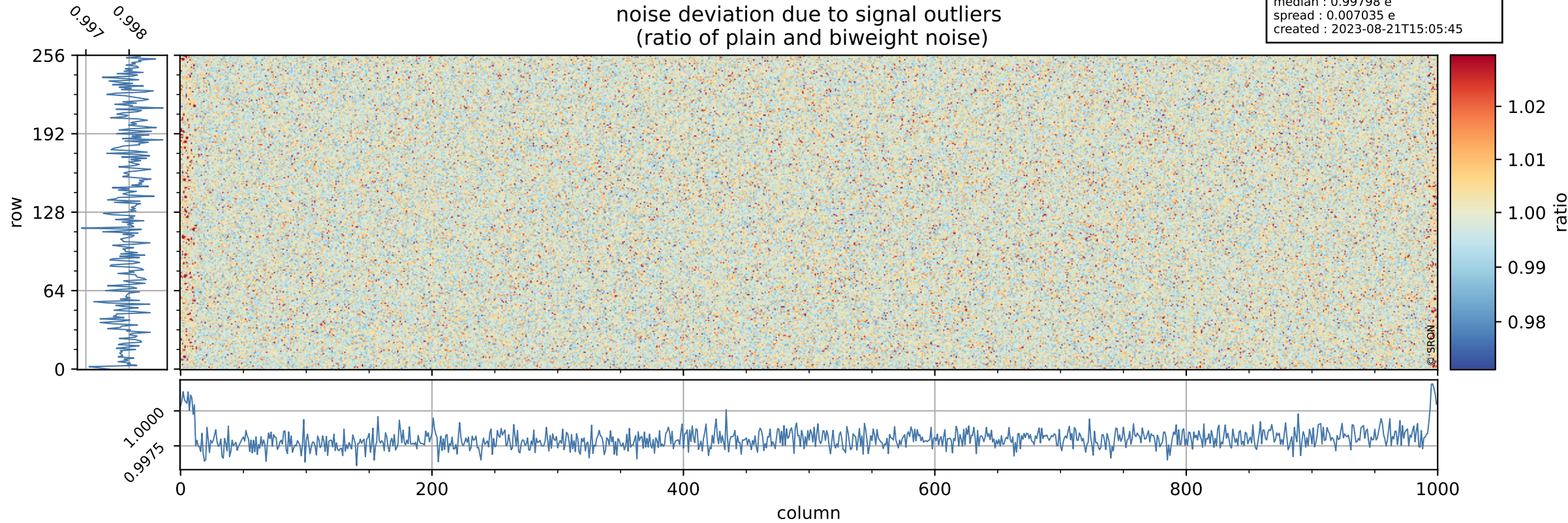
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

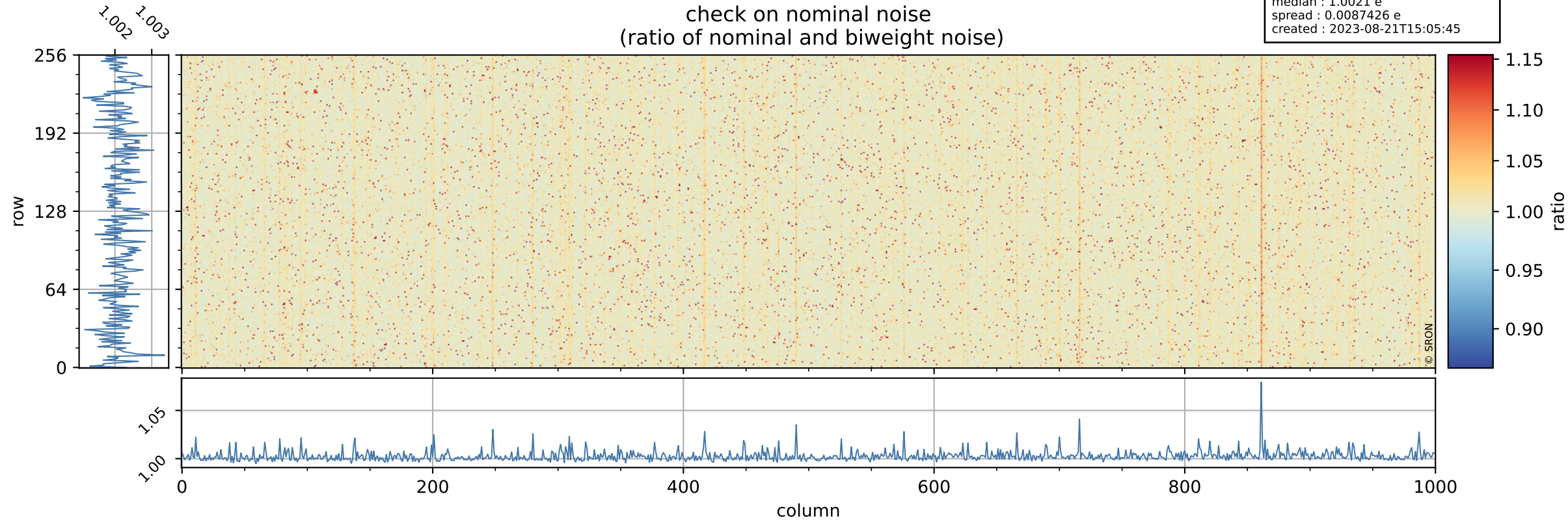
orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
median : 0.99798 e
spread : 0.007035 e
created : 2023-08-21T15:05:45



Tropomi SWIR background noise (swir)

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

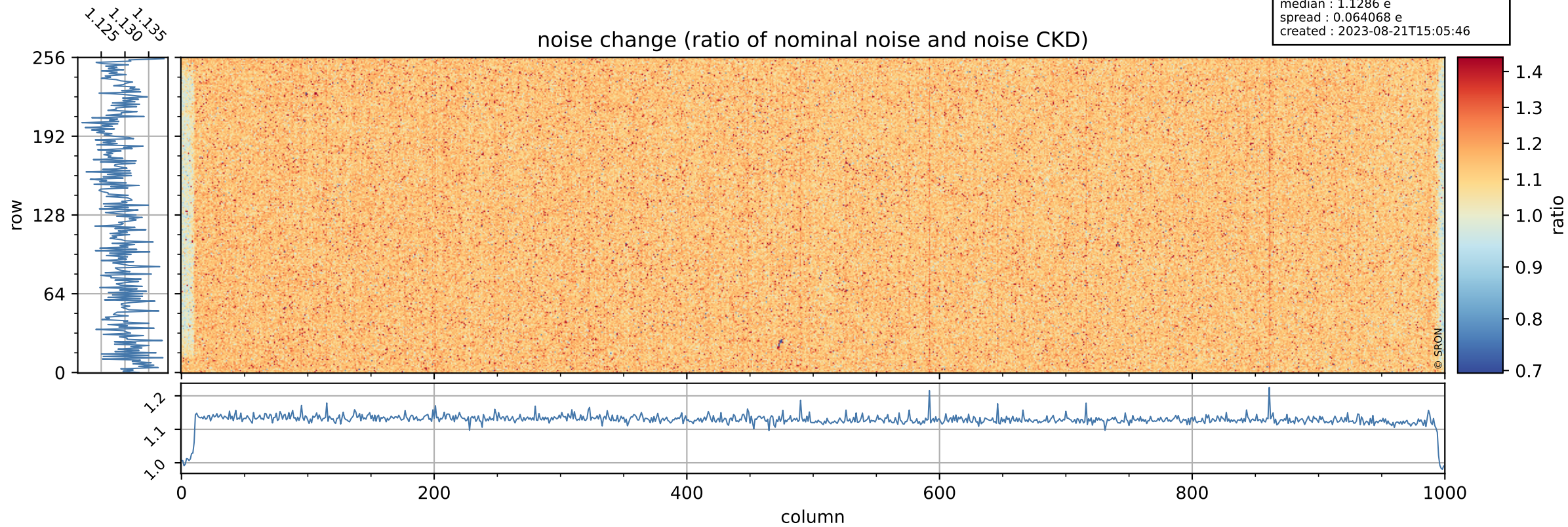
orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
median : 1.0021 e
spread : 0.0087426 e
created : 2023-08-21T15:05:45



Tropomi SWIR background noise (swir)

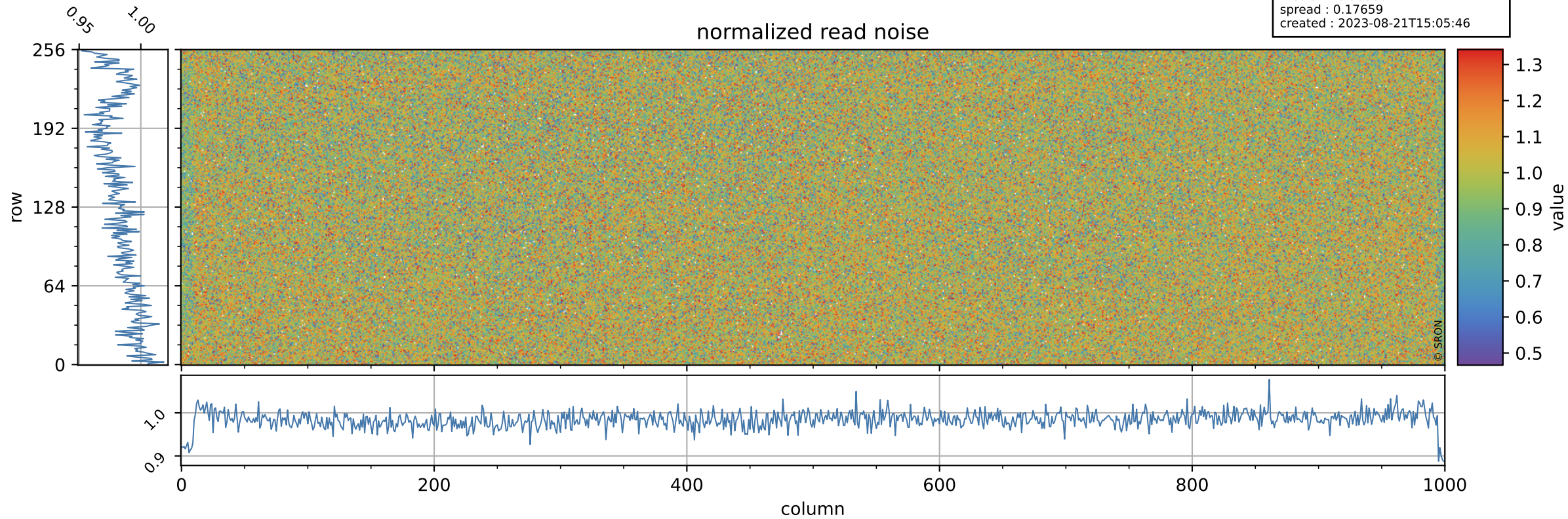
orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
median : 1.1286 e
spread : 0.064068 e
created : 2023-08-21T15:05:46

noise change (ratio of nominal noise and noise CKD)



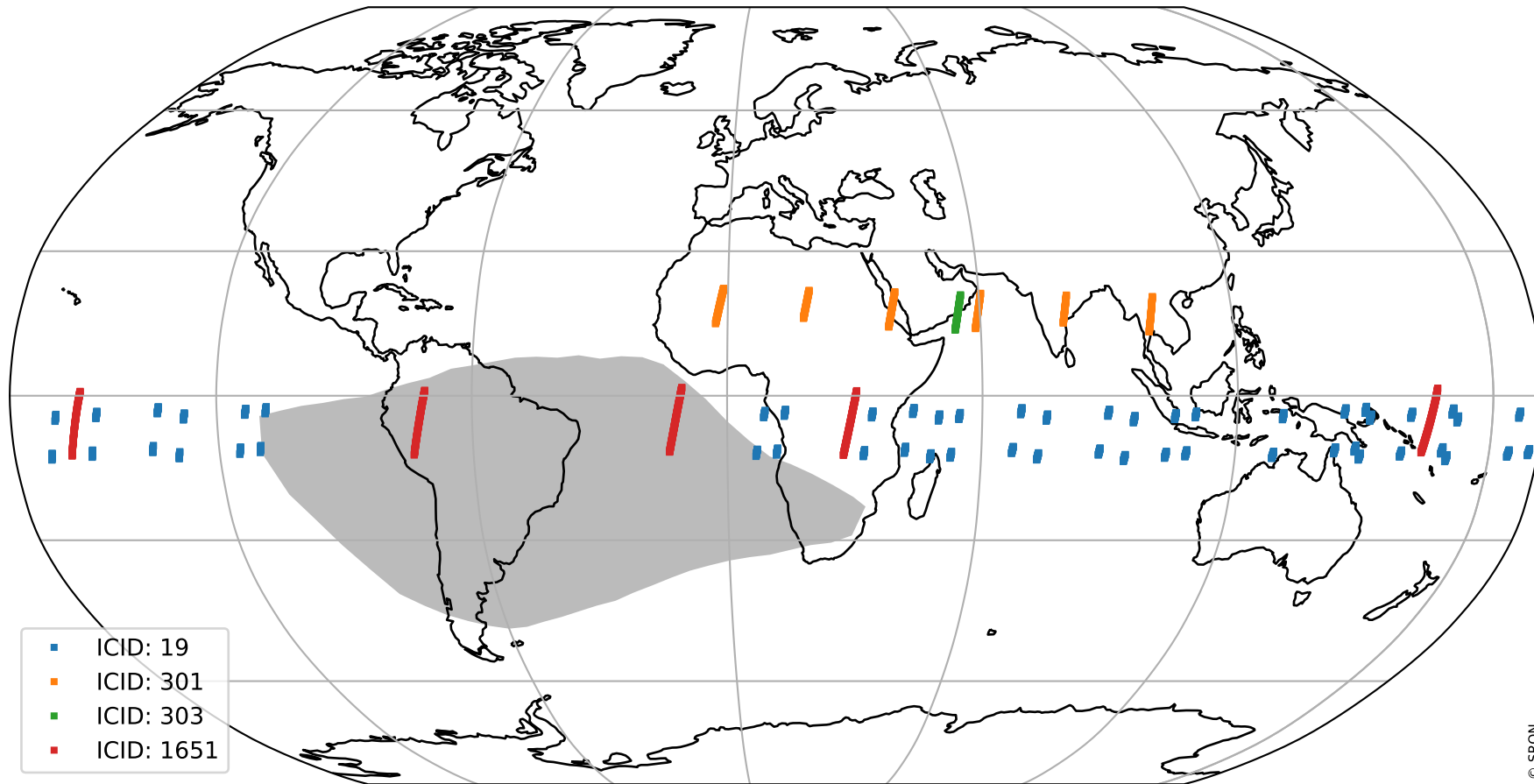
Tropomi SWIR background noise (swir)

orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
median : 0.98306
spread : 0.17659
created : 2023-08-21T15:05:46



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

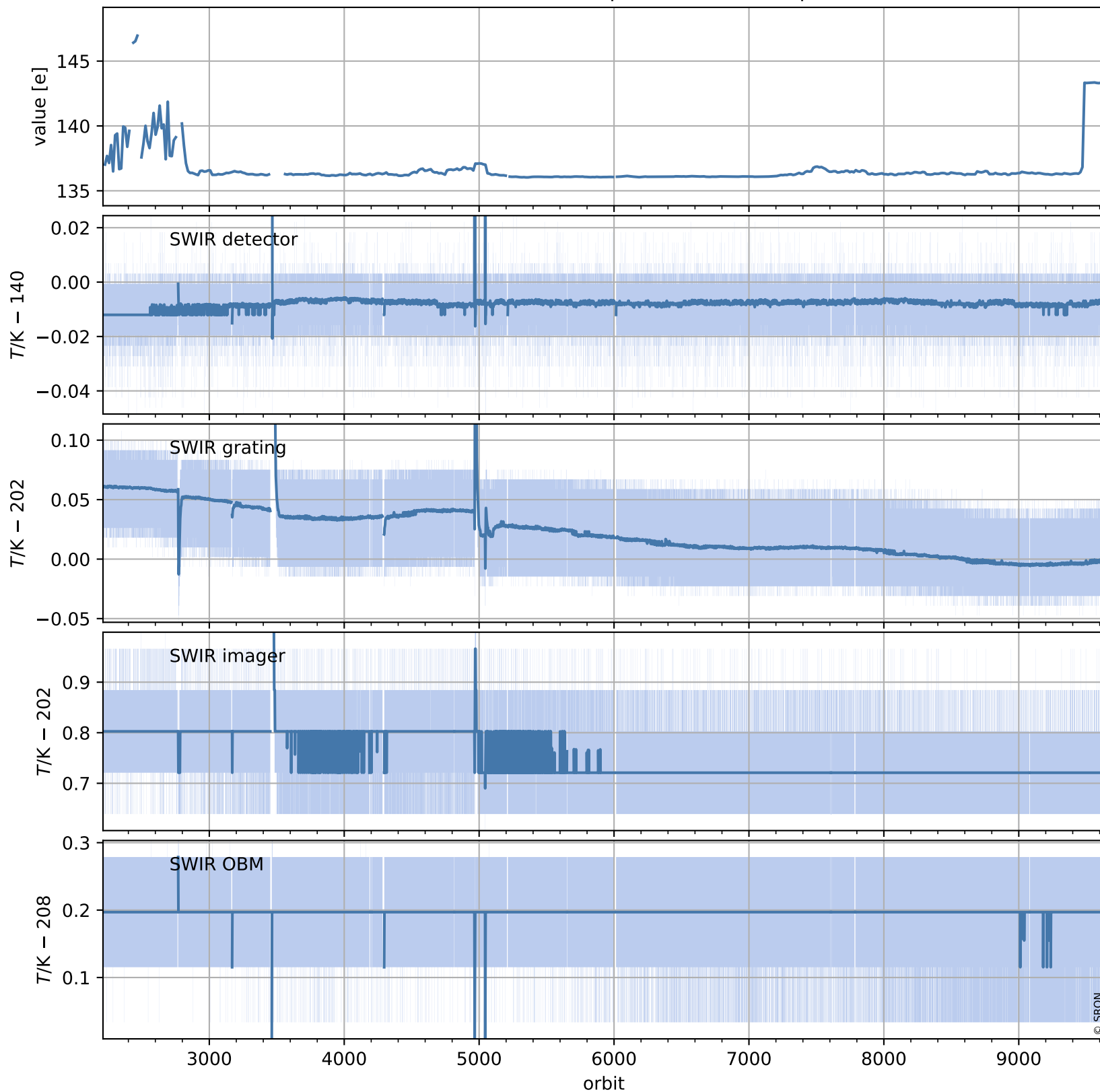
orbits : 12 in [9562, 9637]
coverage : 2019-08-17 / 2019-08-23
created : 2023-08-21T15:05:47



Tropomi SWIR background noise (swir)

orbits : [2212, 9637]
coverage : 2018-03-18 / 2019-08-23
created : 2023-08-21T15:05:47

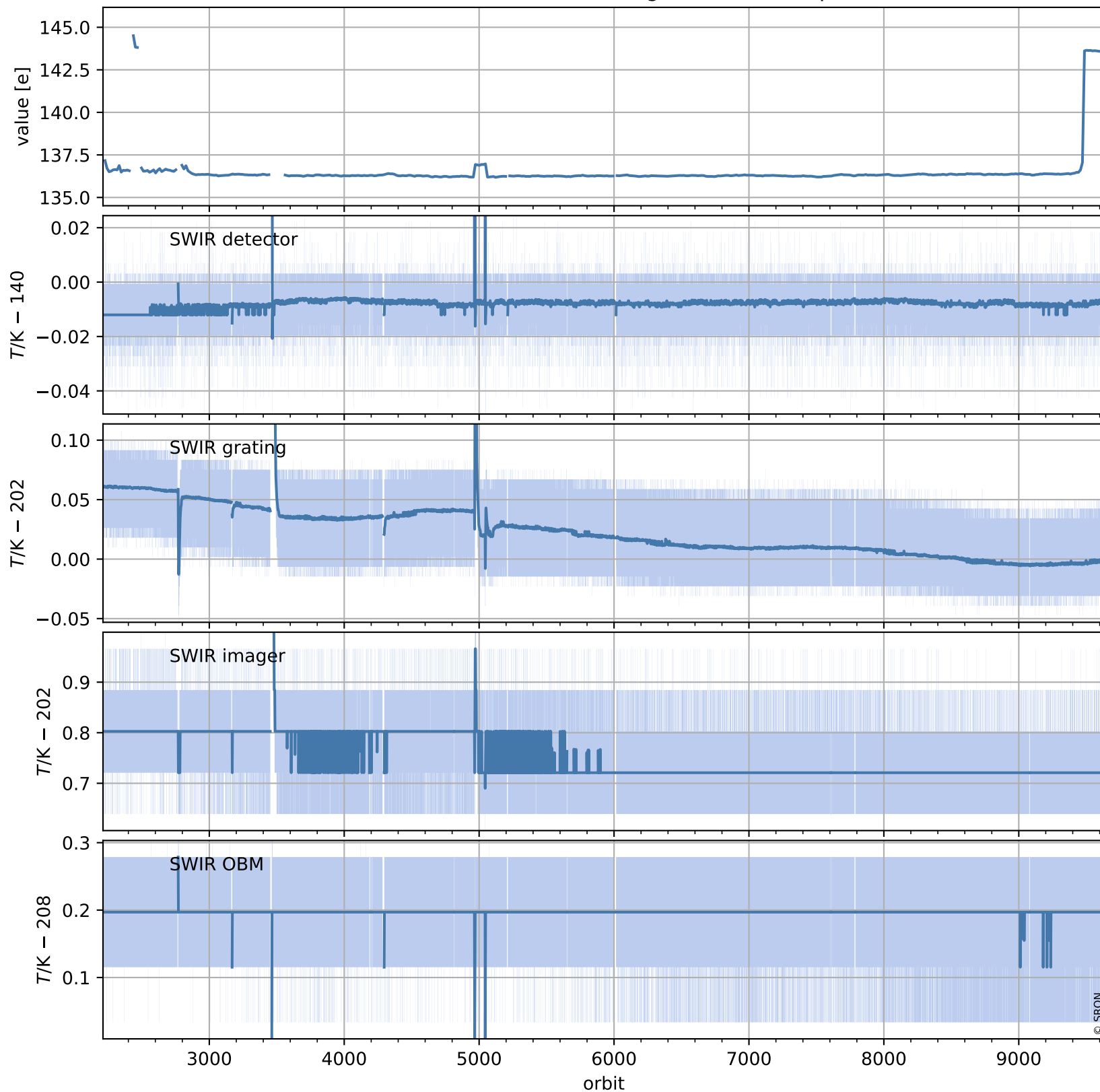
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9637]
coverage : 2018-03-18 / 2019-08-23
created : 2023-08-21T15:05:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9637]
coverage : 2018-03-18 / 2019-08-23
created : 2023-08-21T15:05:49

trend of normalized read-noise & temperatures

