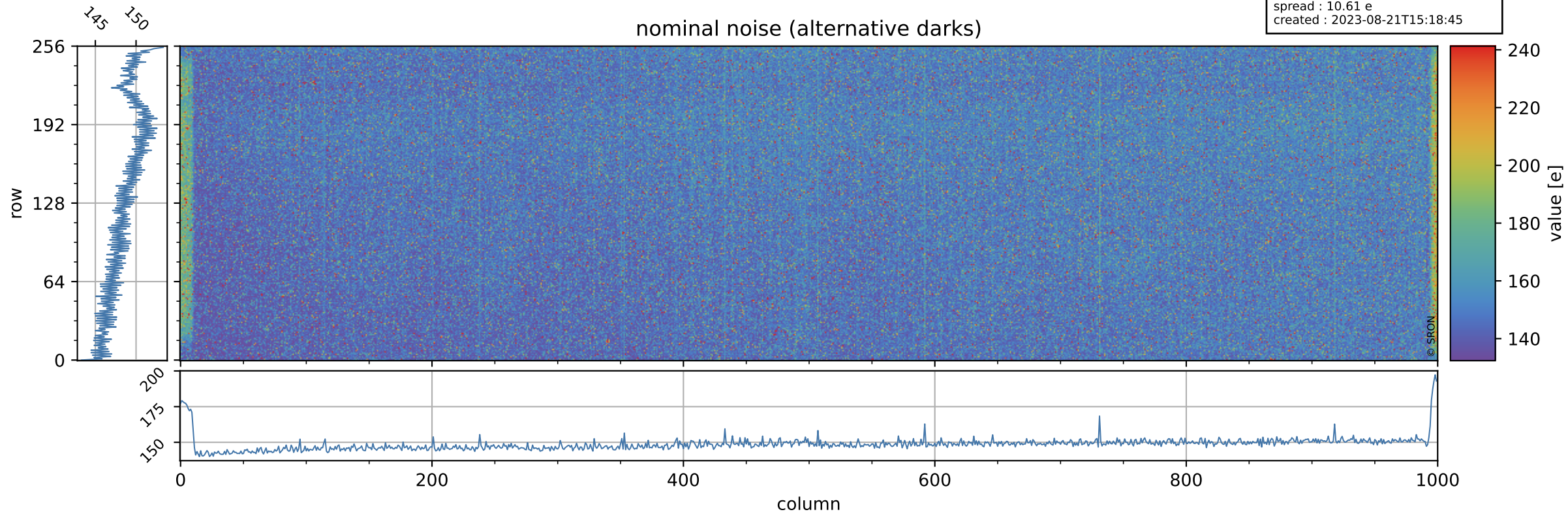


Tropomi SWIR background noise (swir)

orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.61 e
created : 2023-08-21T15:18:45

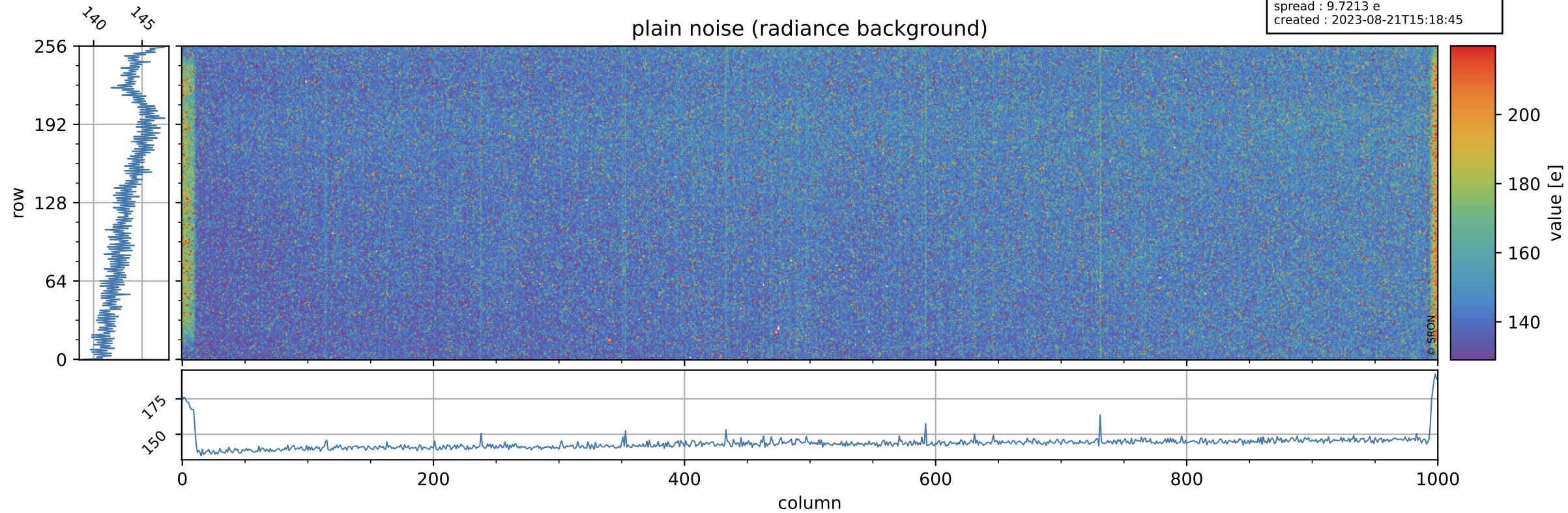
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
n_coad, t_exp : 1, 0.8383
median : 143.37 e
spread : 9.7213 e
created : 2023-08-21T15:18:45

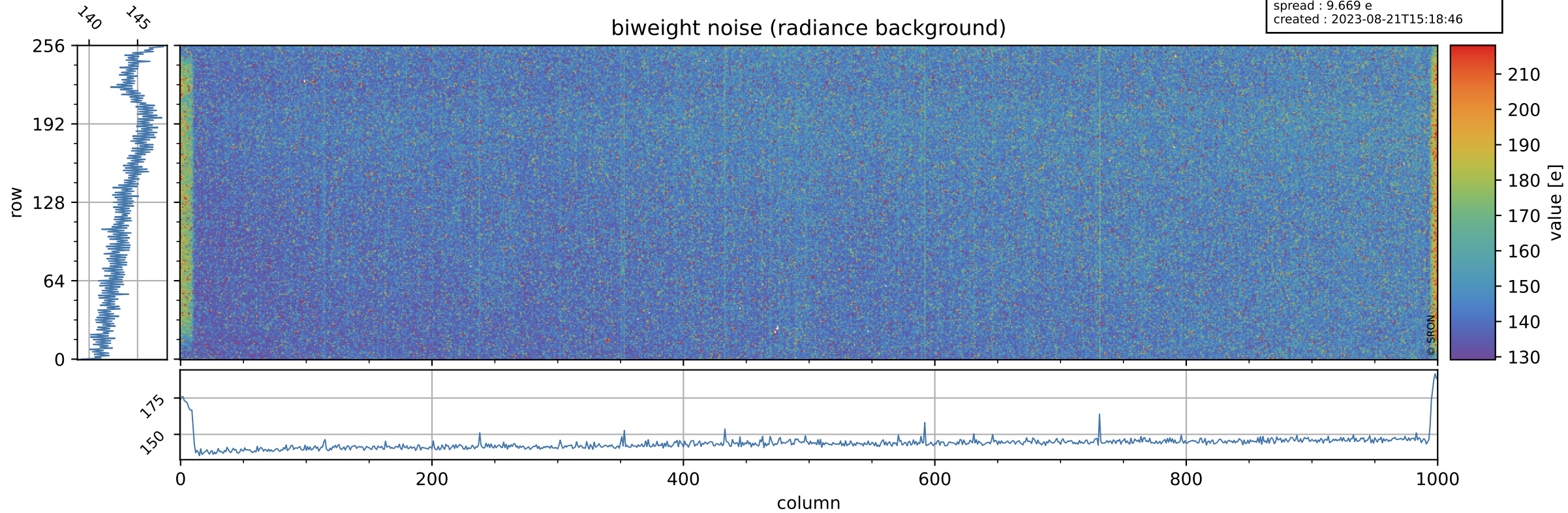
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.669 e
created : 2023-08-21T15:18:46

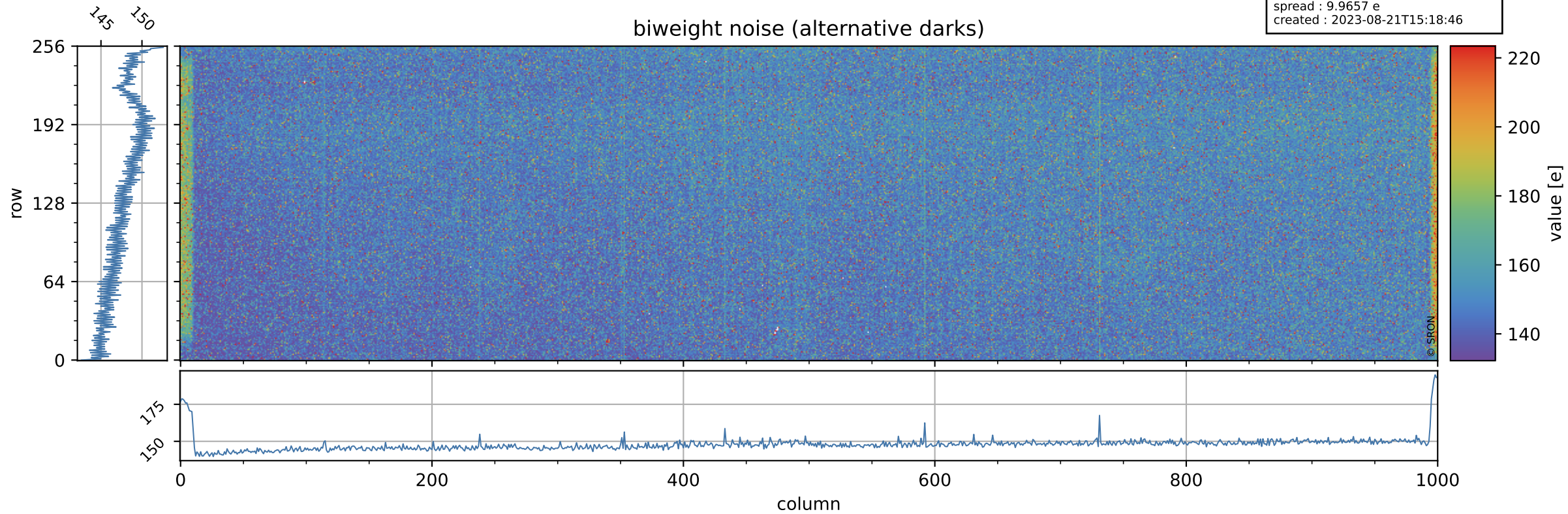
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 9.9657 e
created : 2023-08-21T15:18:46

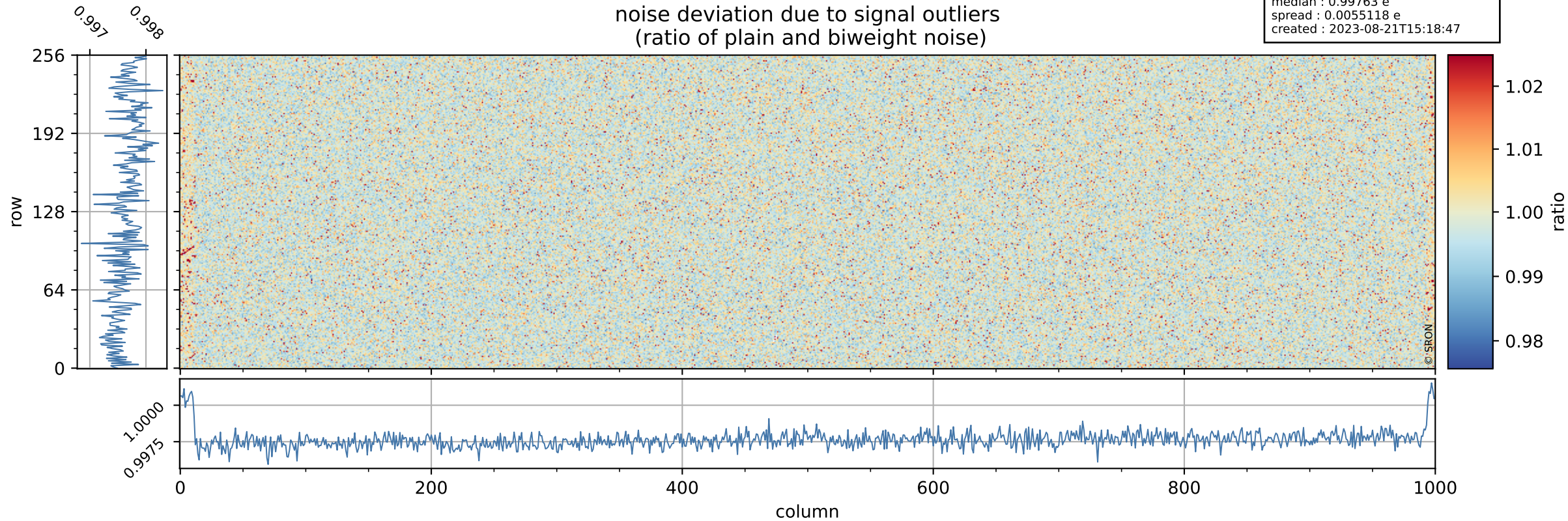
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

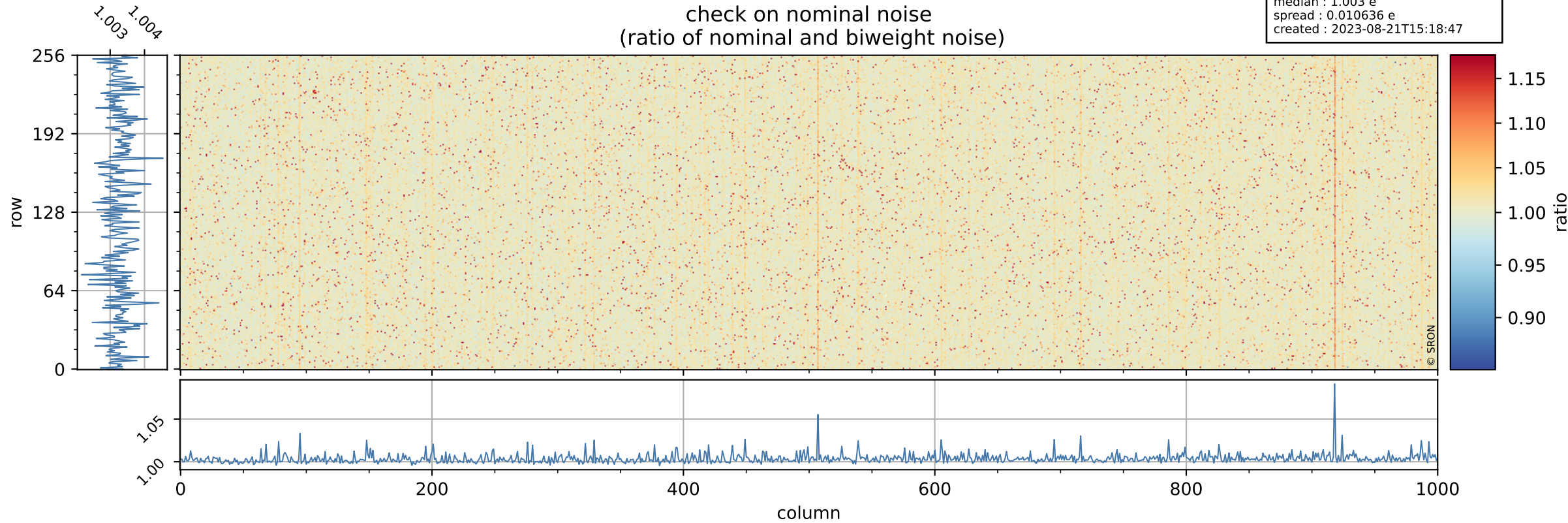
orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
median : 0.99763 e
spread : 0.0055118 e
created : 2023-08-21T15:18:47



Tropomi SWIR background noise (swir)

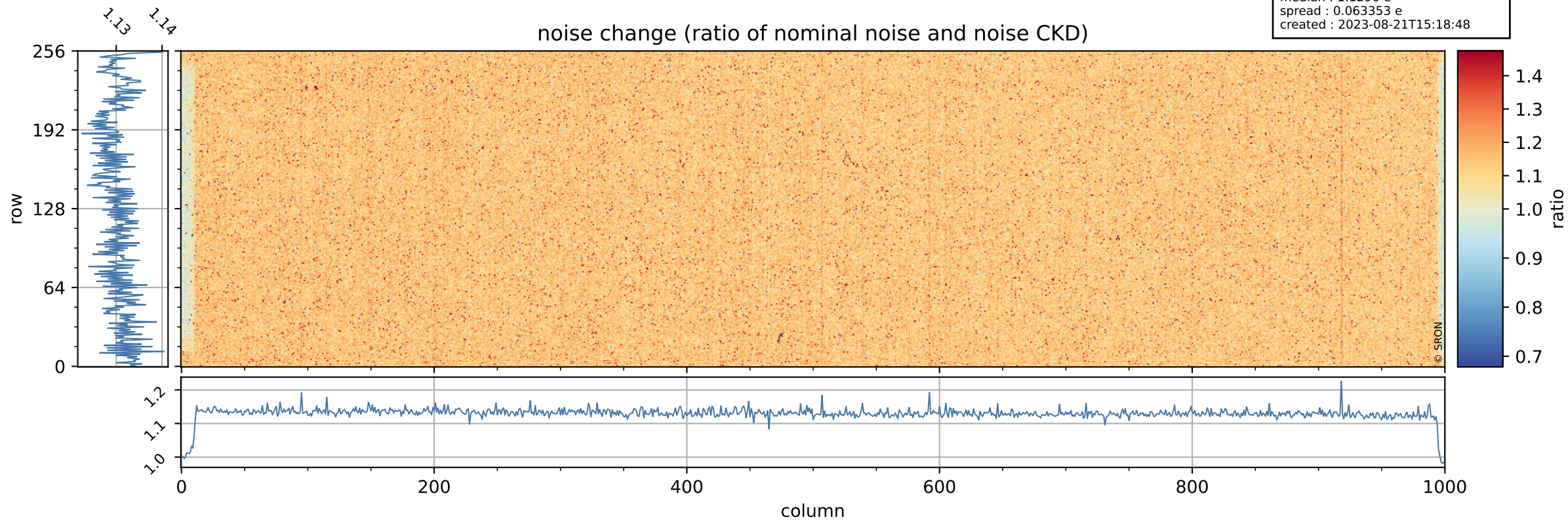
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
median : 1.003 e
spread : 0.010636 e
created : 2023-08-21T15:18:47



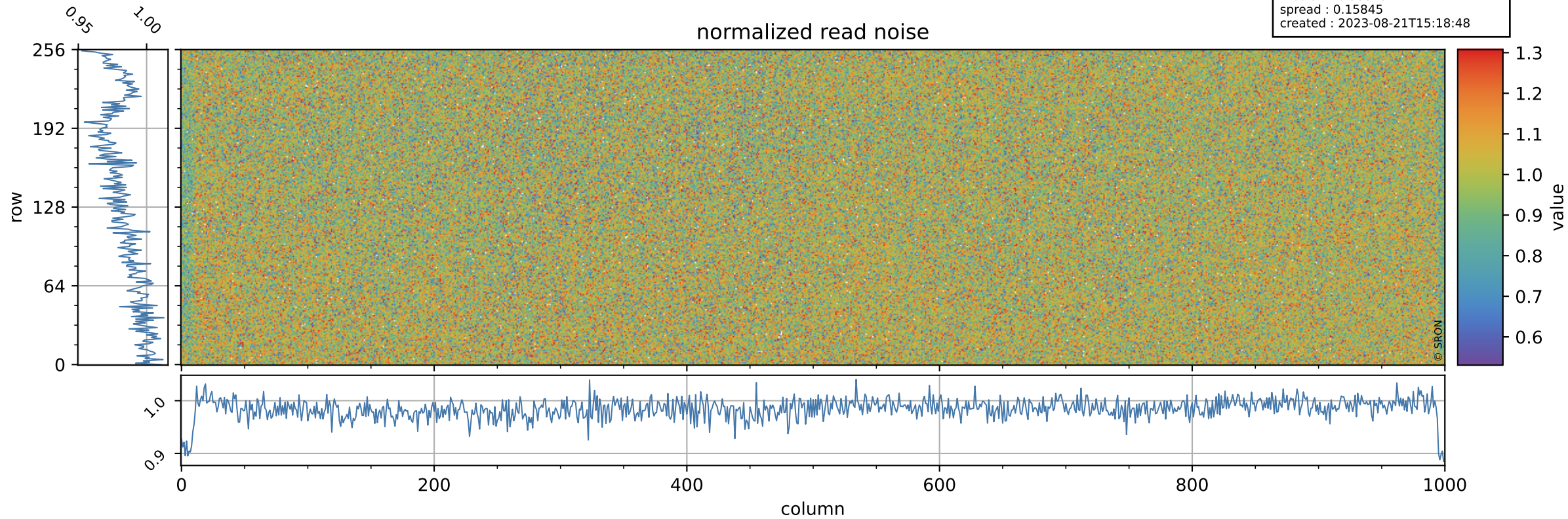
Tropomi SWIR background noise (swir)

orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
median : 1.1296 e
spread : 0.063353 e
created : 2023-08-21T15:18:48



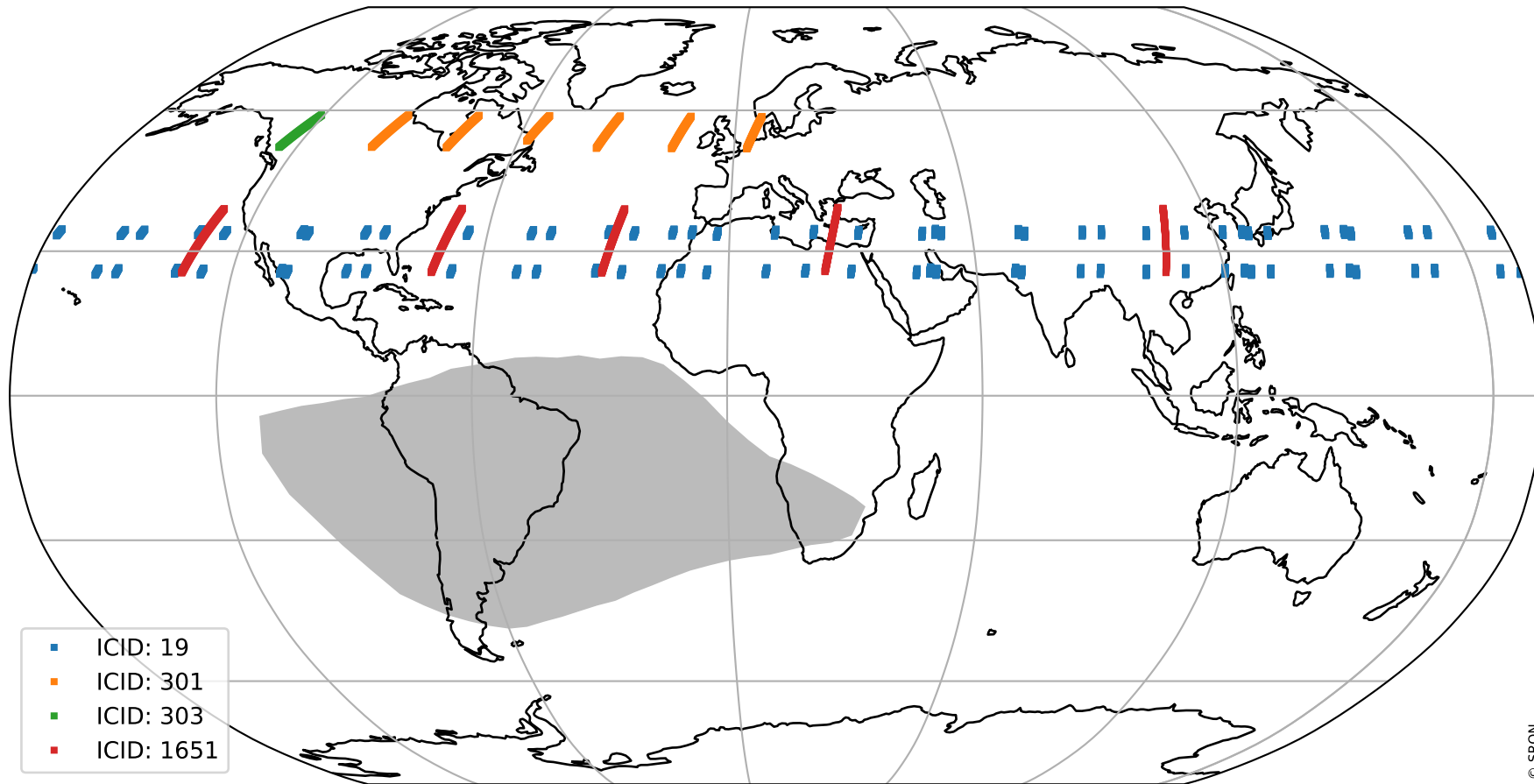
Tropomi SWIR background noise (swir)

orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
median : 0.98315
spread : 0.15845
created : 2023-08-21T15:18:48



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

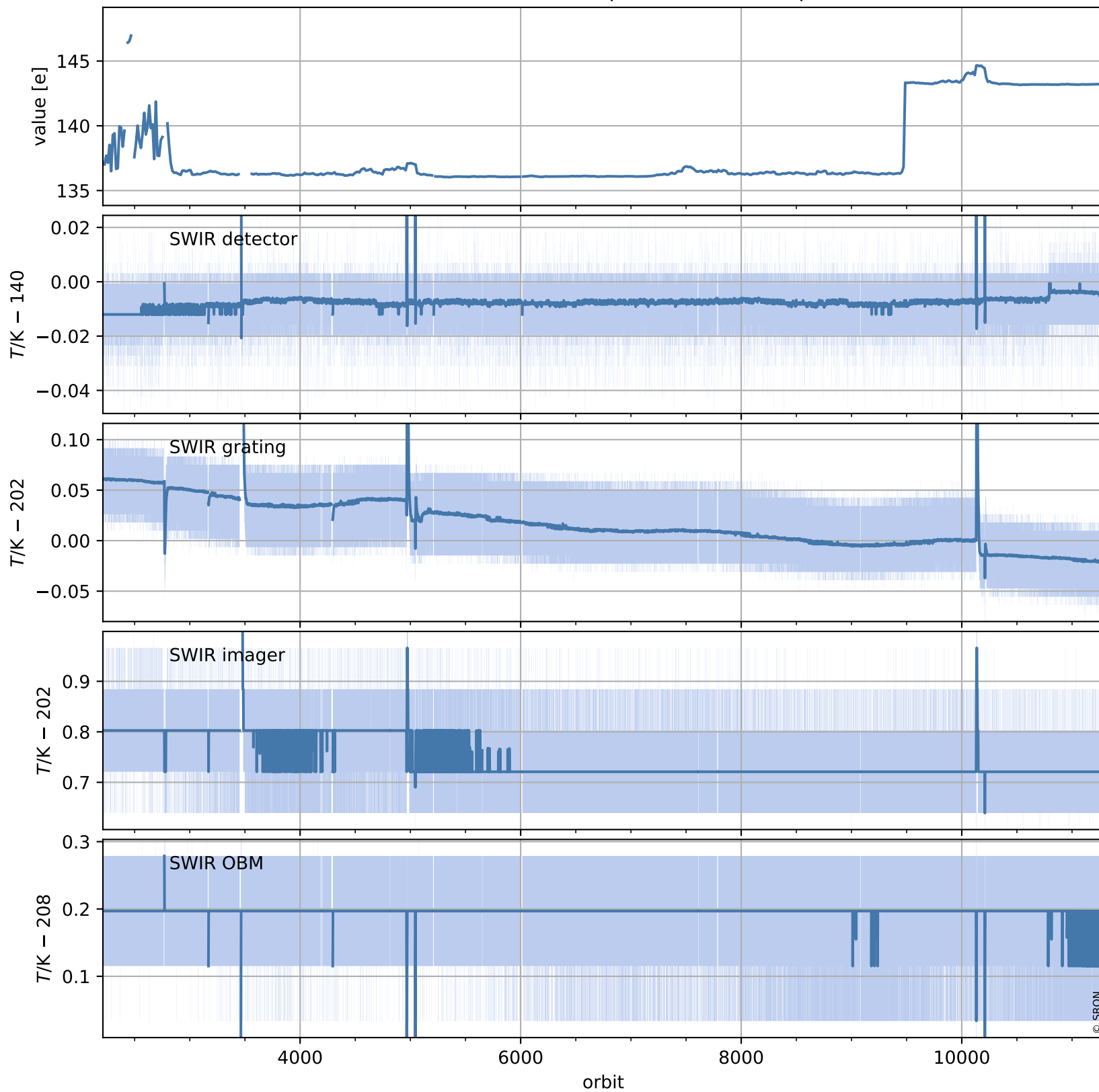
orbits : 12 in [11197, 11287]
coverage : 2019-12-12 / 2019-12-18
created : 2023-08-21T15:18:48



Tropomi SWIR background noise (swir)

orbits : [2212, 11287]
coverage : 2018-03-18 / 2019-12-18
created : 2023-08-21T15:18:49

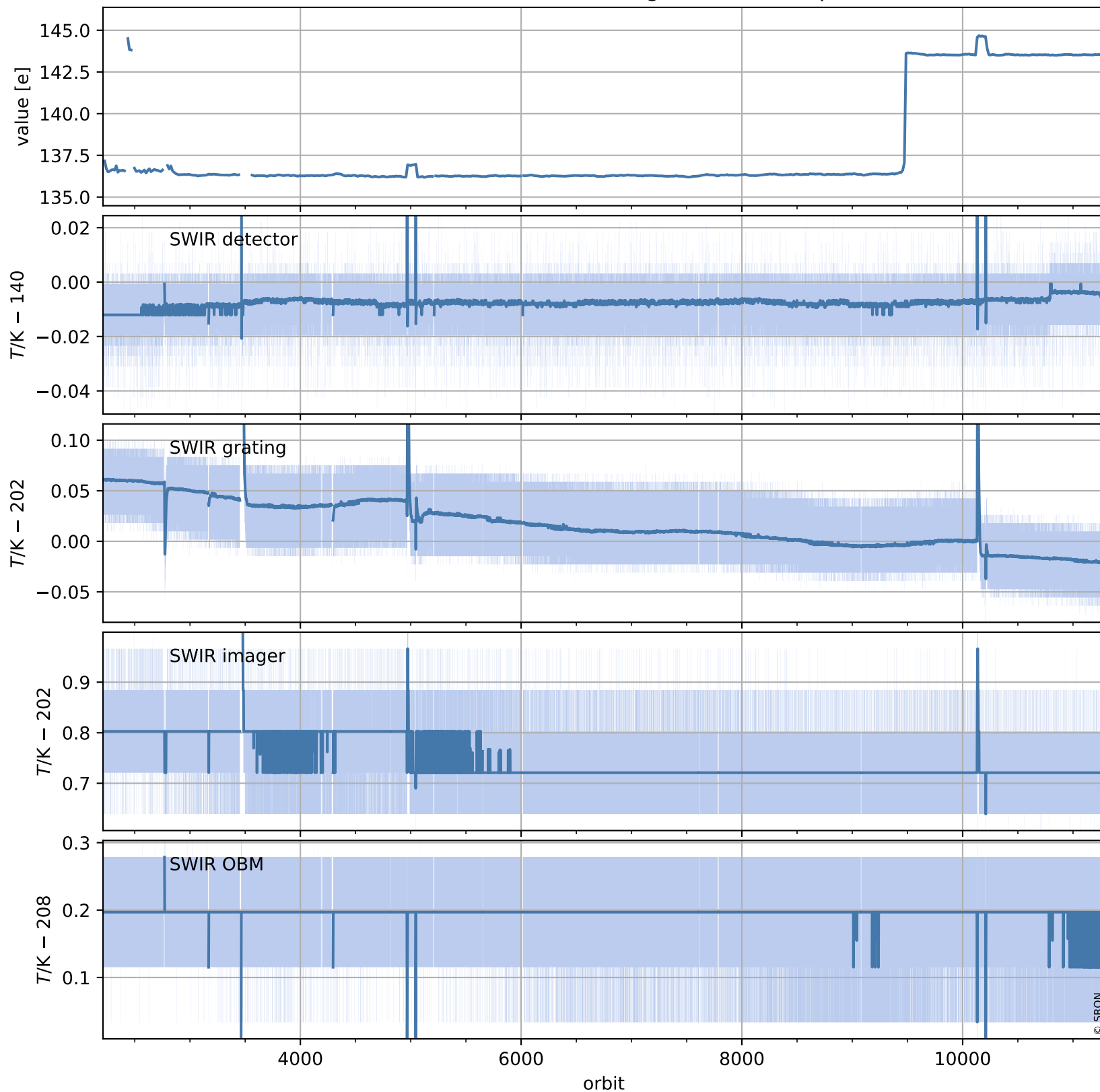
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11287]
coverage : 2018-03-18 / 2019-12-18
created : 2023-08-21T15:18:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11287]
coverage : 2018-03-18 / 2019-12-18
created : 2023-08-21T15:18:50

trend of normalized read-noise & temperatures

