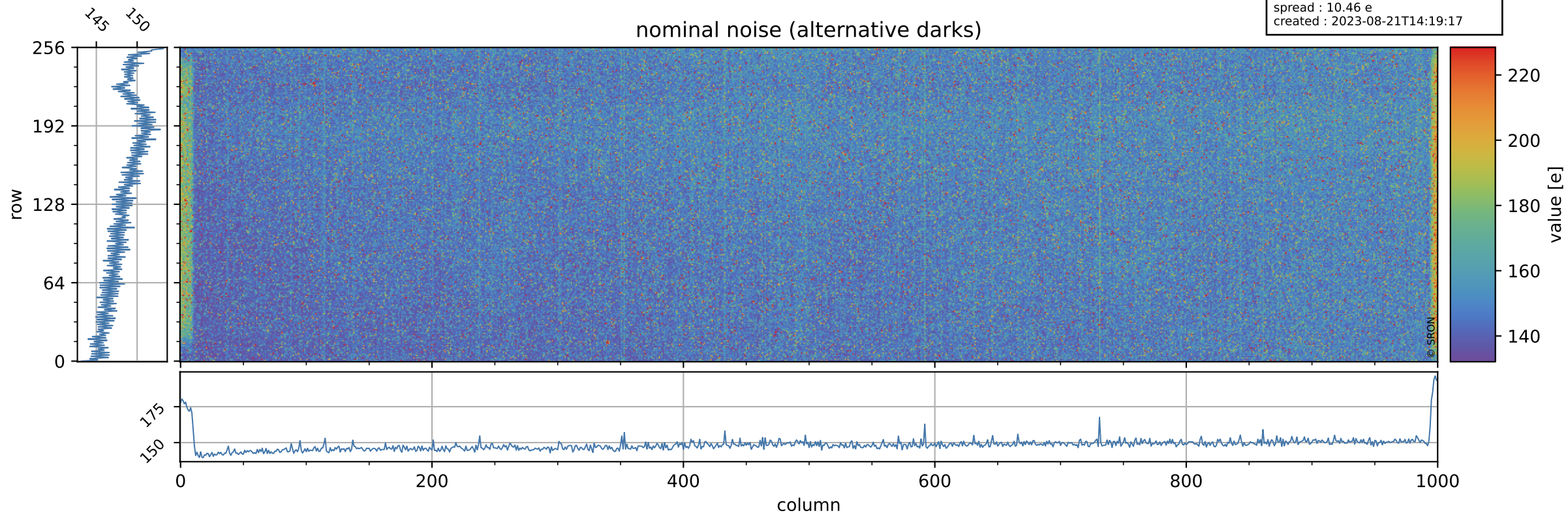


Tropomi SWIR background noise (swir)

orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.46 e
created : 2023-08-21T14:19:17

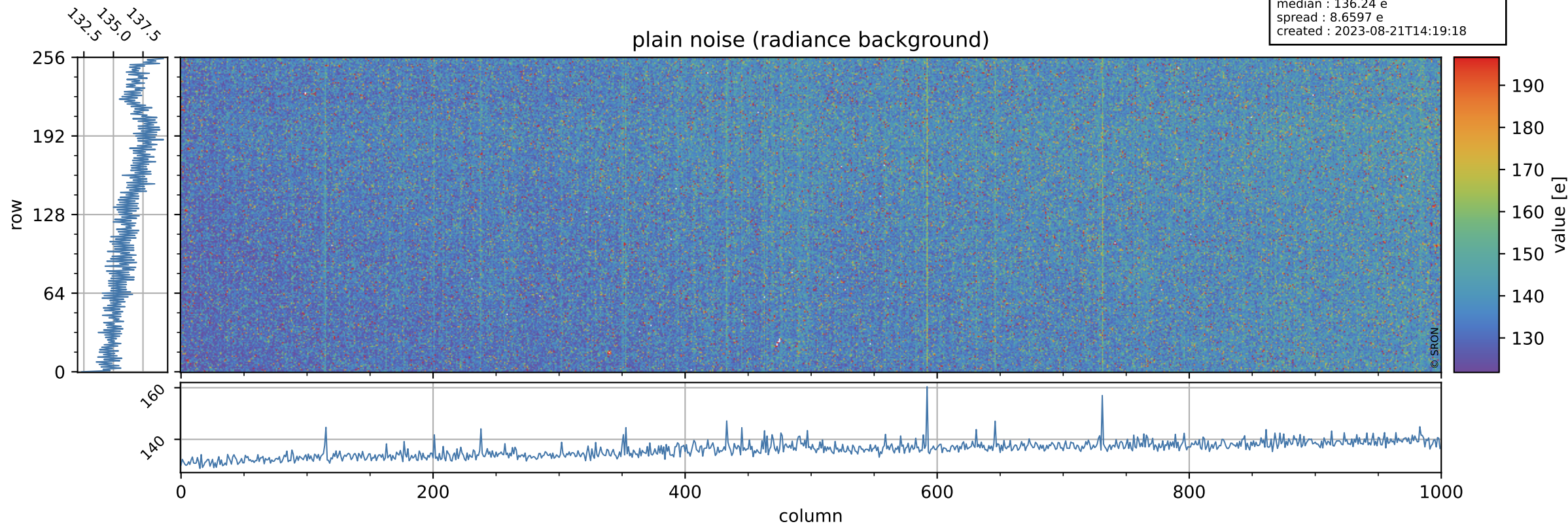
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.6597 e
created : 2023-08-21T14:19:18

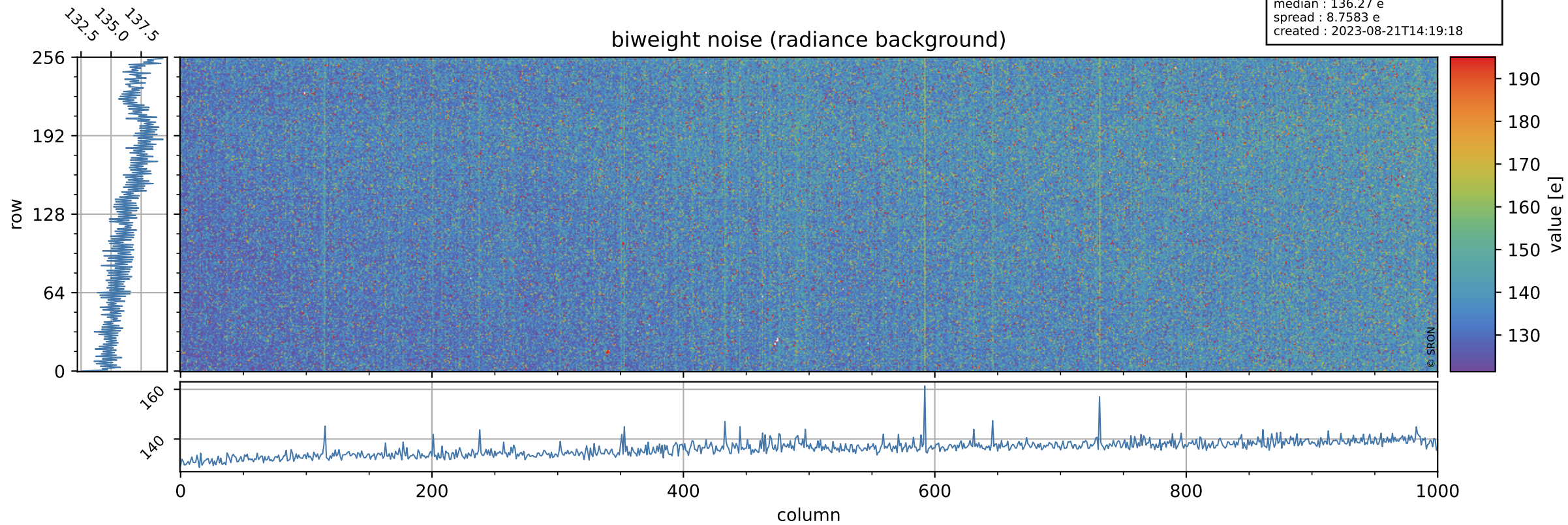
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.7583 e
created : 2023-08-21T14:19:18

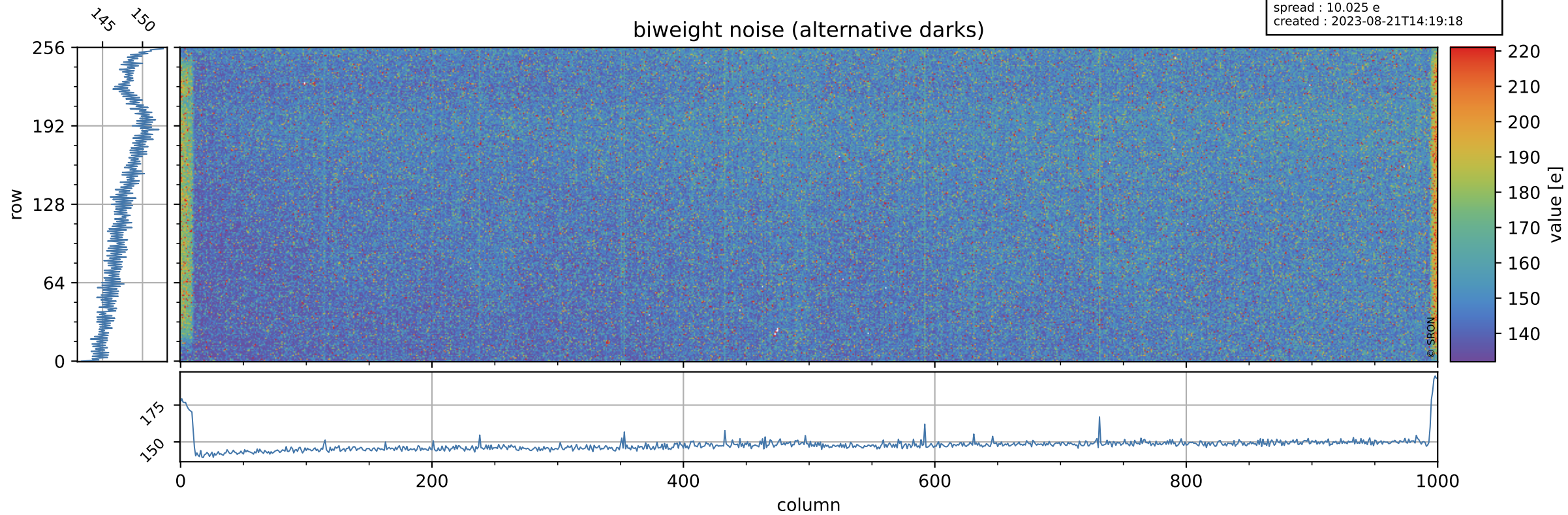
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.025 e
created : 2023-08-21T14:19:18

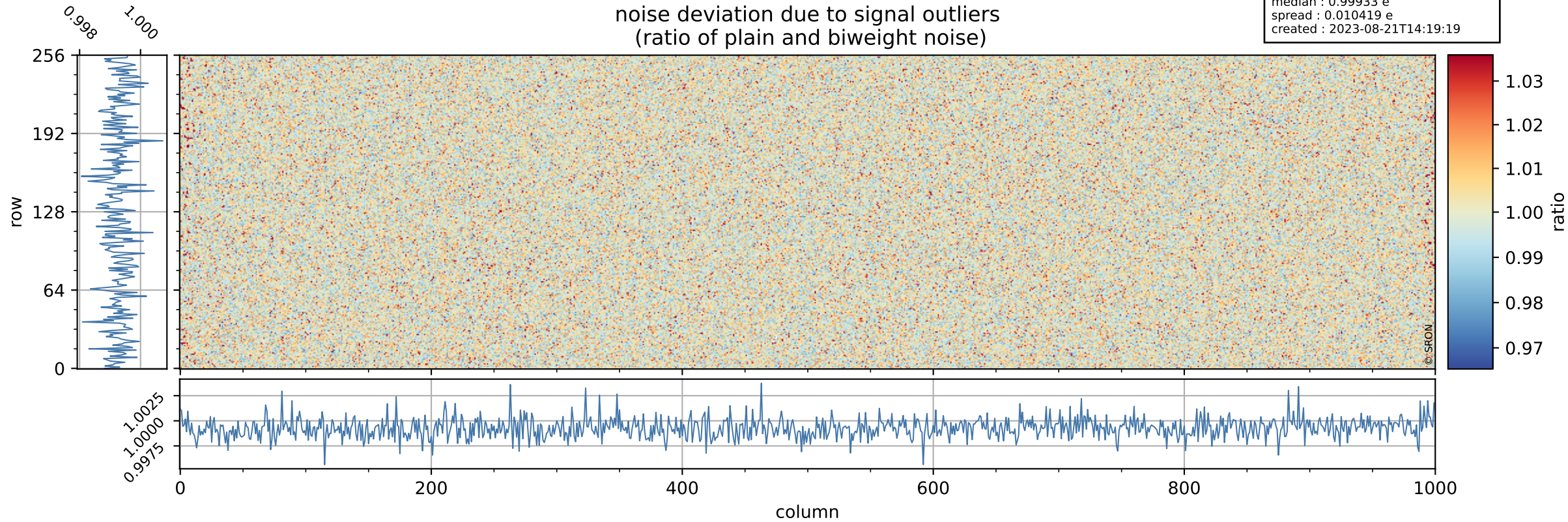
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

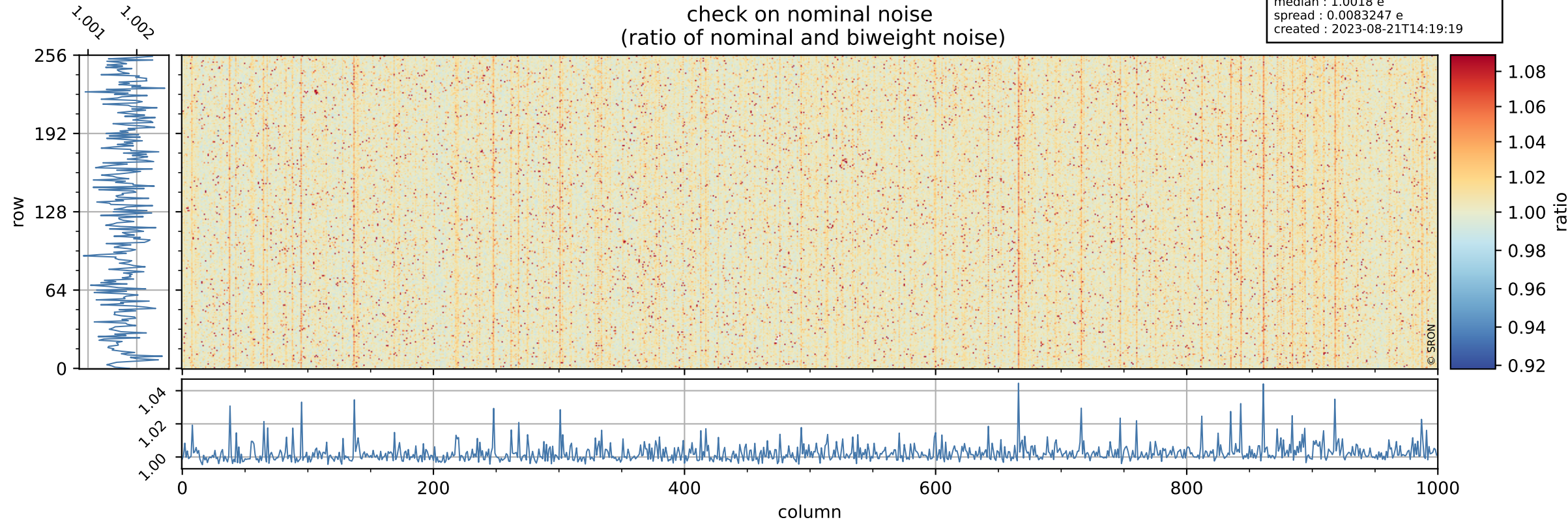
orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
median : 0.99933 e
spread : 0.010419 e
created : 2023-08-21T14:19:19



Tropomi SWIR background noise (swir)

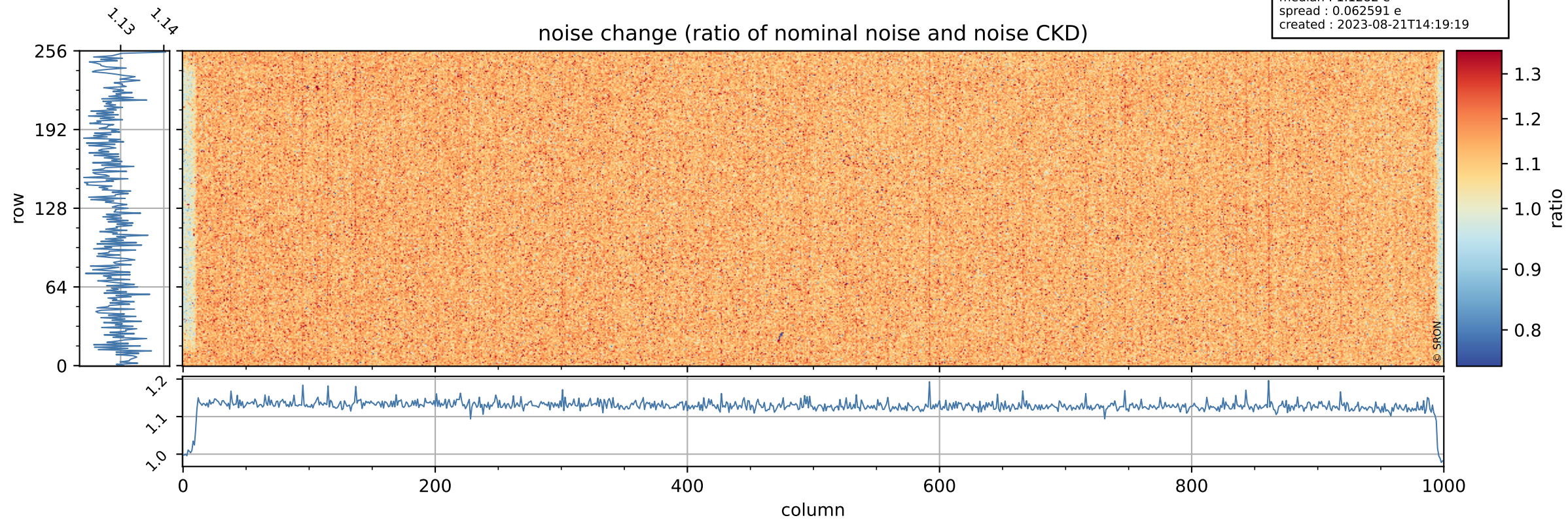
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
median : 1.0018 e
spread : 0.0083247 e
created : 2023-08-21T14:19:19



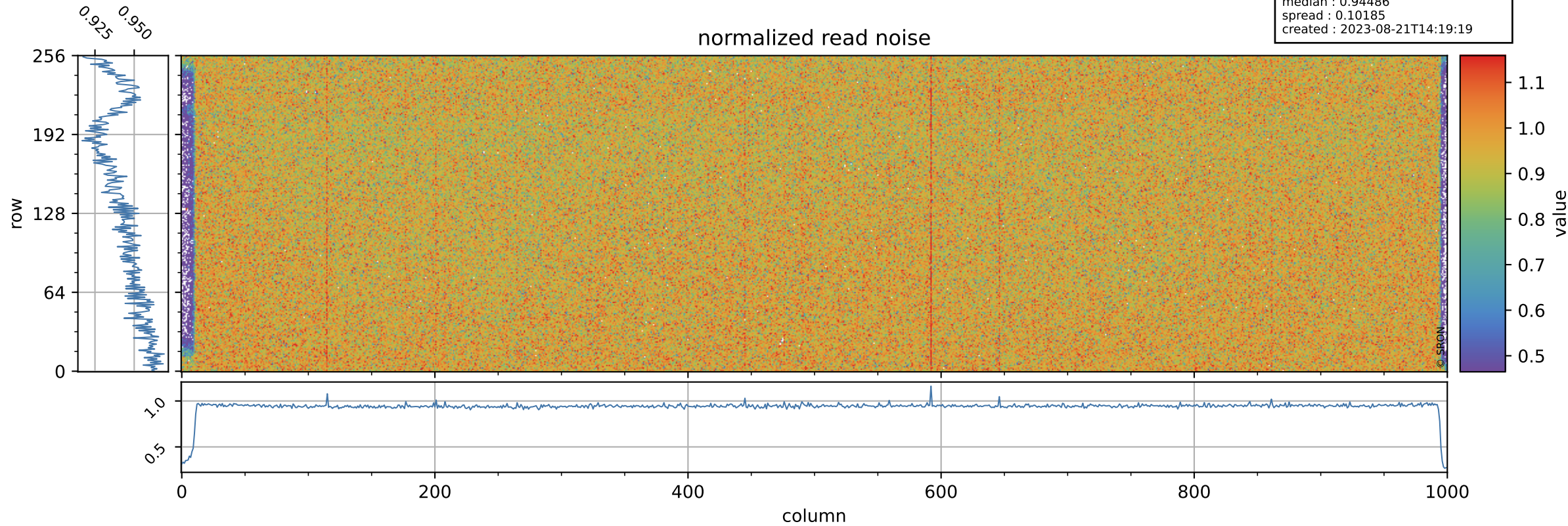
Tropomi SWIR background noise (swir)

orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
median : 1.1282 e
spread : 0.062591 e
created : 2023-08-21T14:19:19



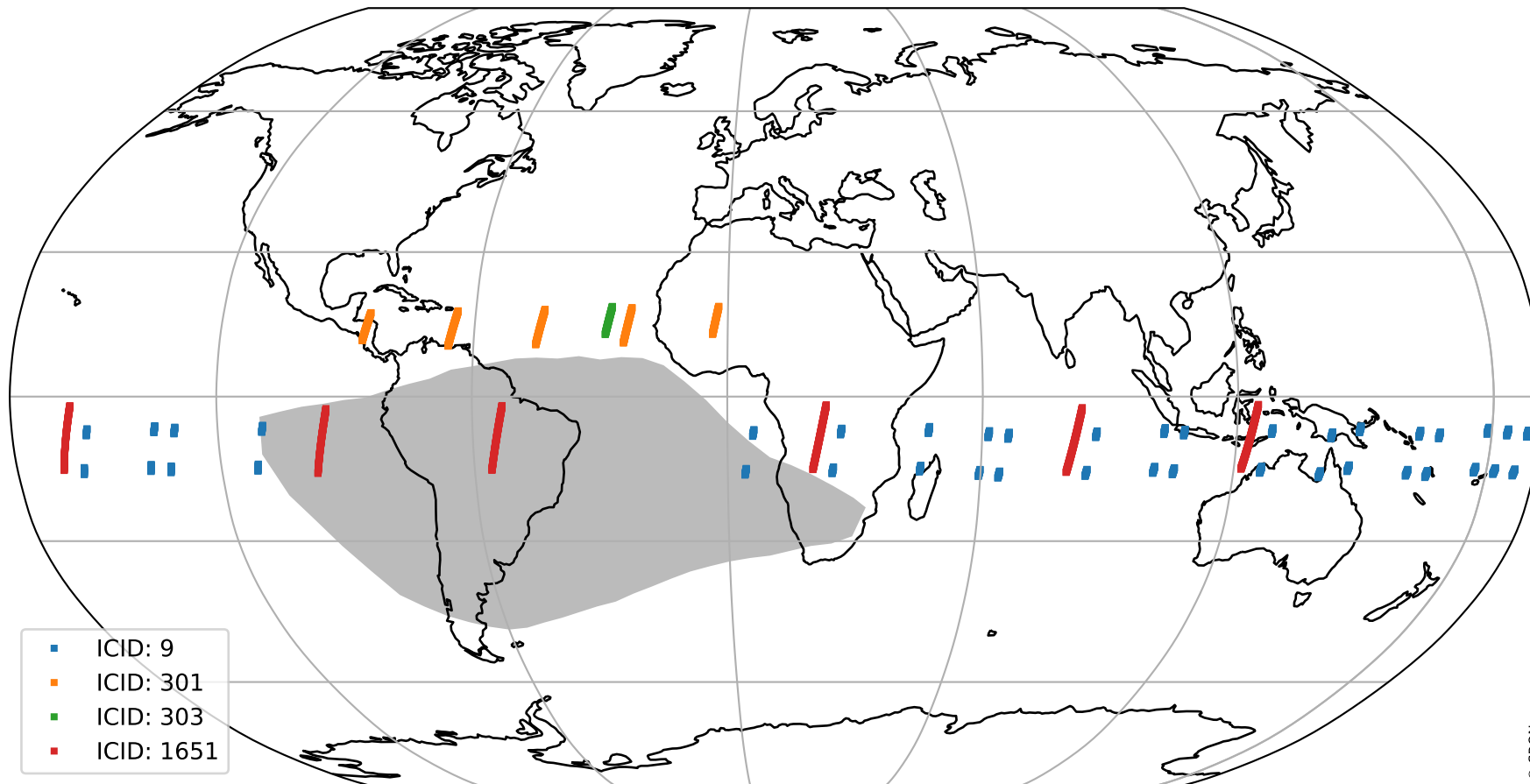
Tropomi SWIR background noise (swir)

orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
median : 0.94486
spread : 0.10185
created : 2023-08-21T14:19:19



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

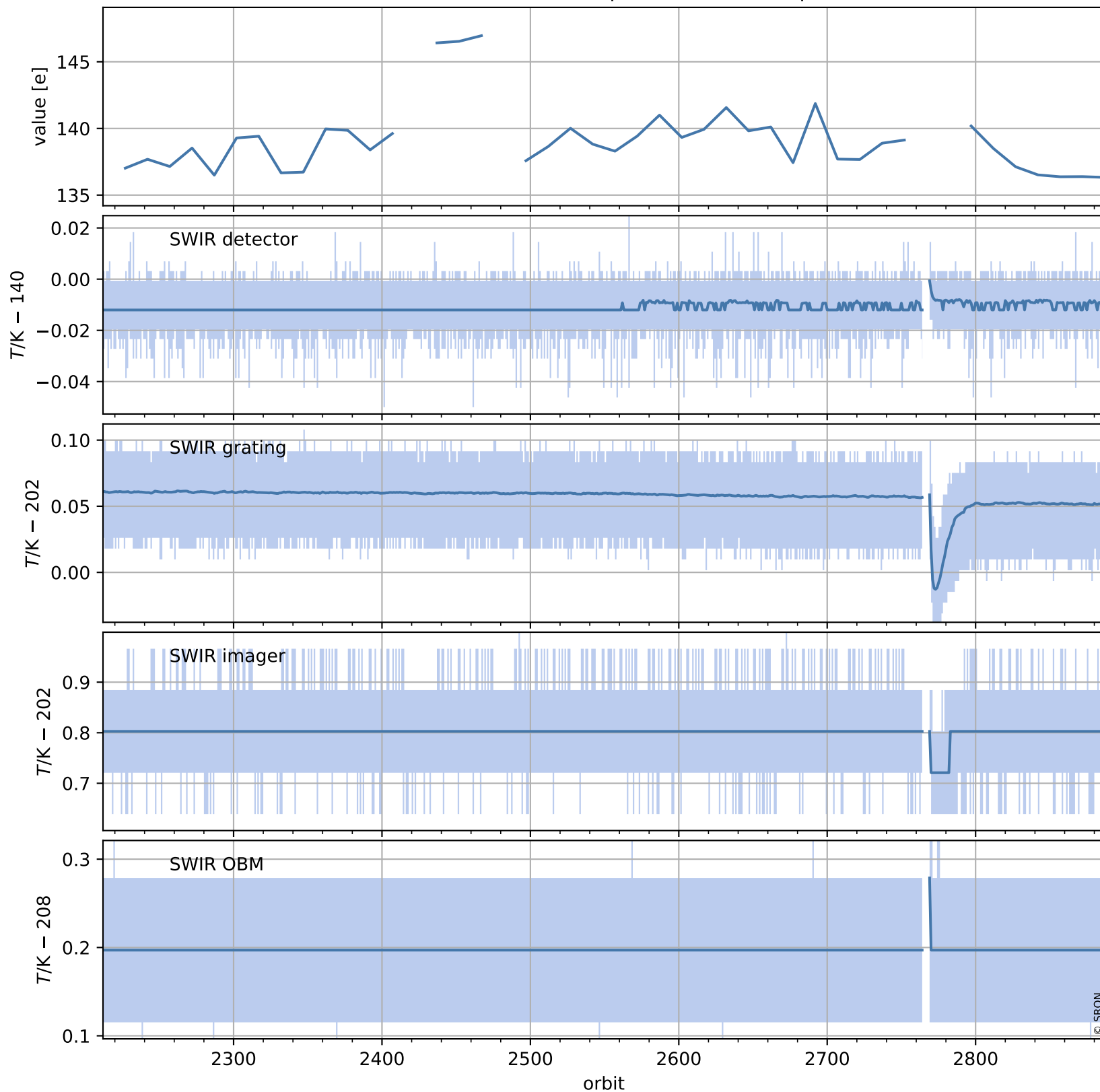
orbits : 12 in [2827, 2887]
coverage : 2018-04-30 / 2018-05-04
created : 2023-08-21T14:19:20



Tropomi SWIR background noise (swir)

orbits : [2212, 2887]
coverage : 2018-03-18 / 2018-05-04
created : 2023-08-21T14:19:20

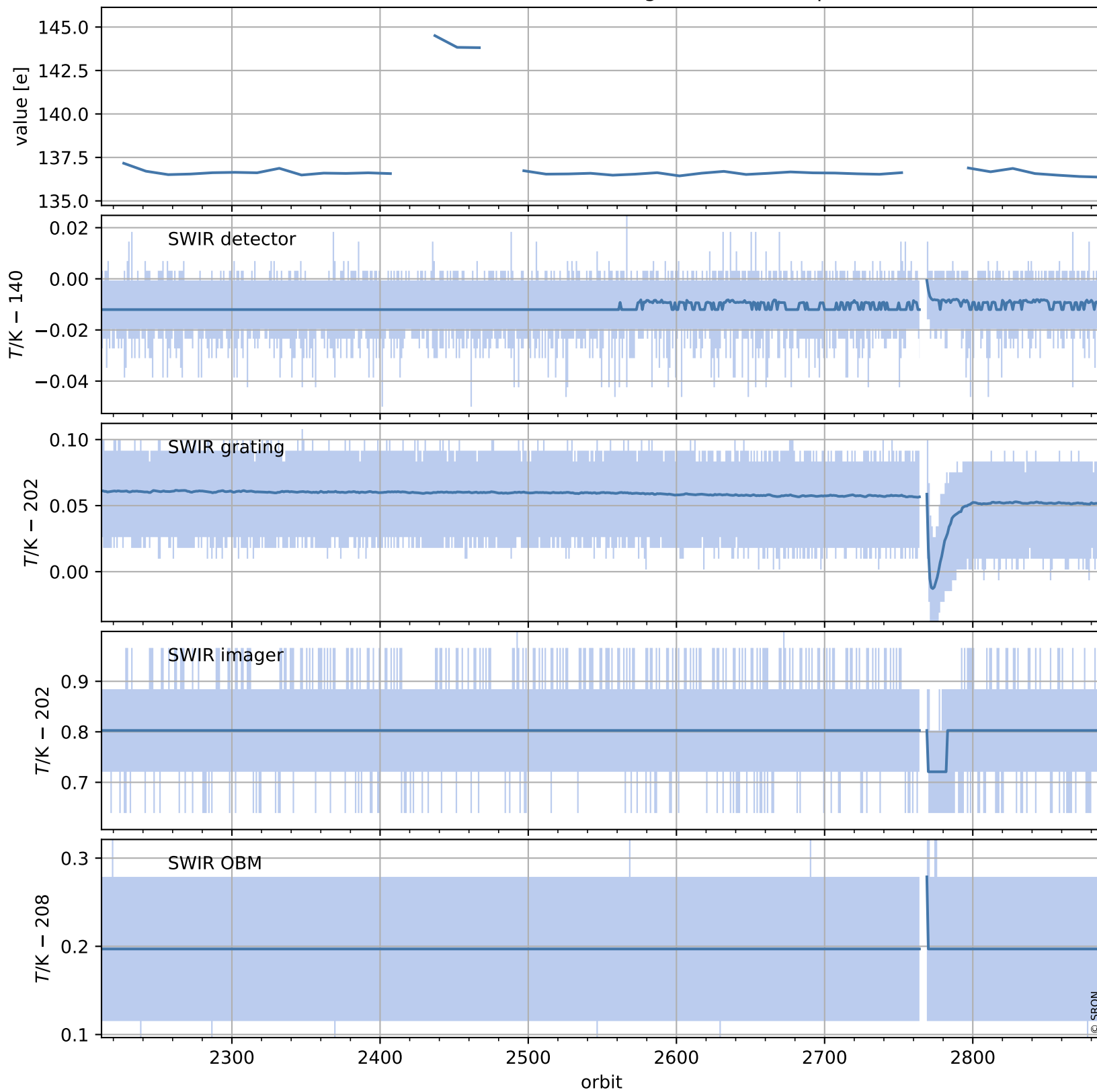
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2887]
coverage : 2018-03-18 / 2018-05-04
created : 2023-08-21T14:19:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2887]
coverage : 2018-03-18 / 2018-05-04
created : 2023-08-21T14:19:21

trend of normalized read-noise & temperatures

