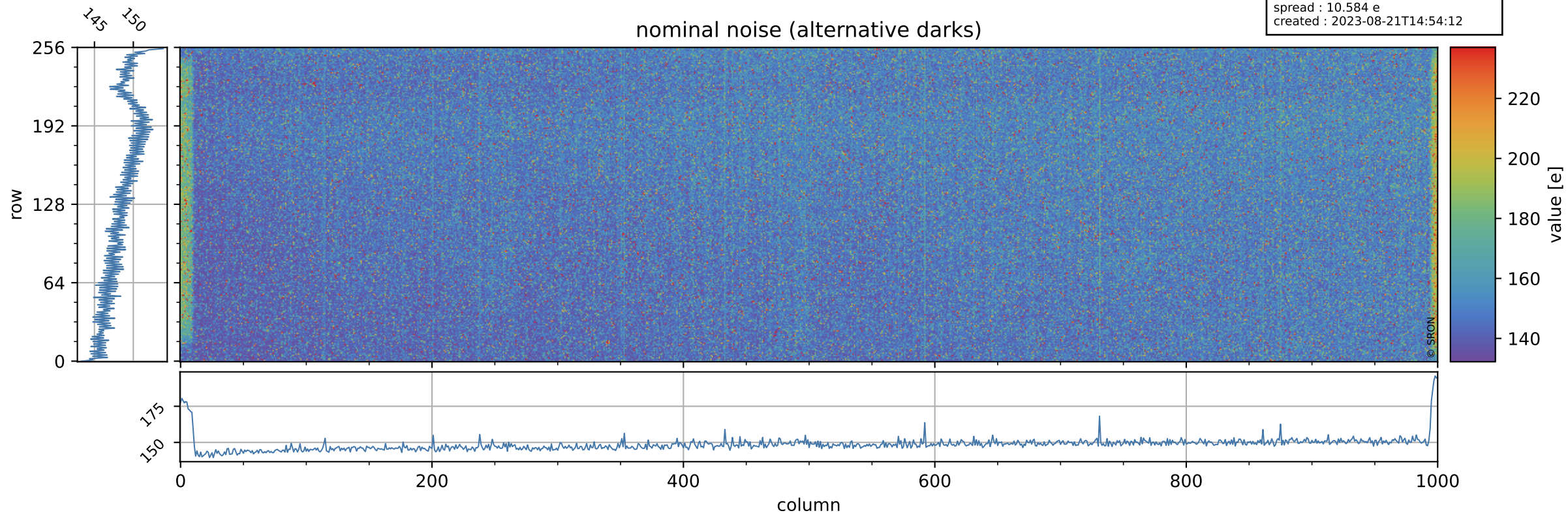


Tropomi SWIR background noise (swir)

orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.584 e
created : 2023-08-21T14:54:12

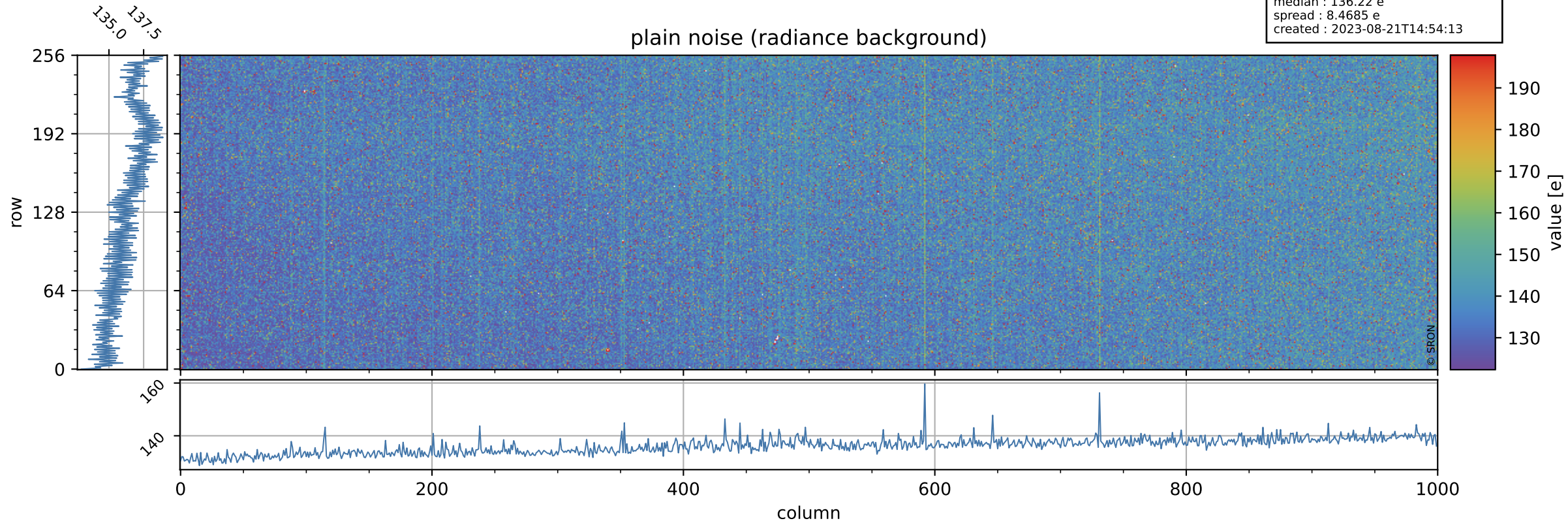
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.4685 e
created : 2023-08-21T14:54:13

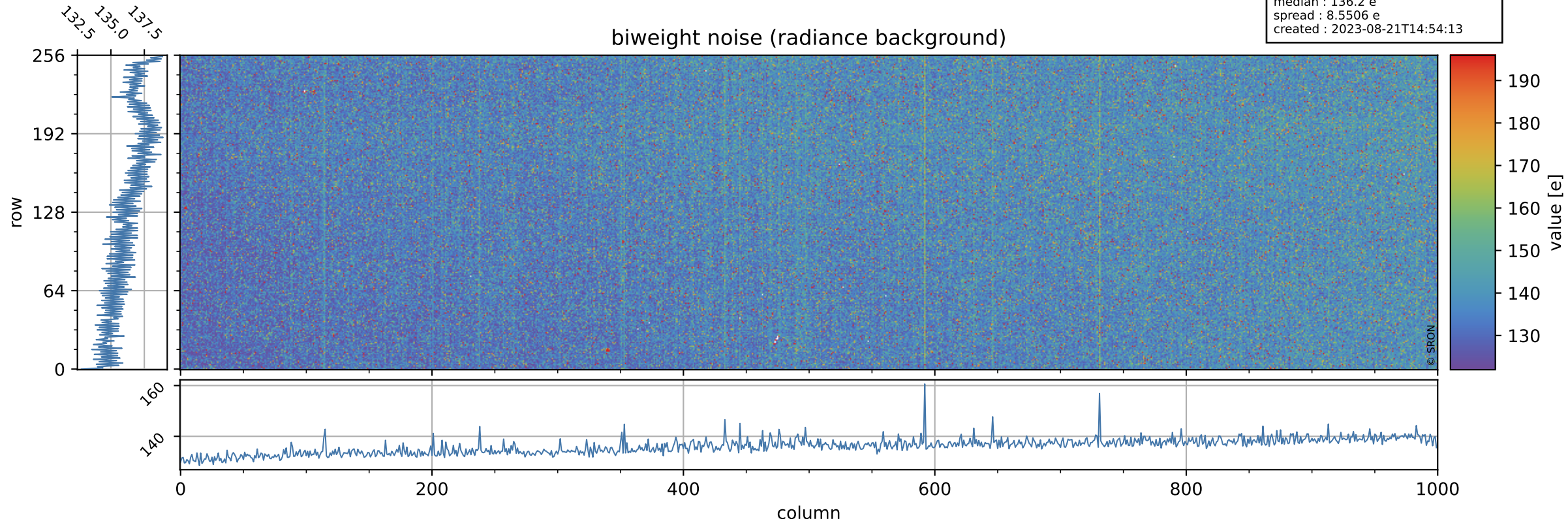
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.5506 e
created : 2023-08-21T14:54:13

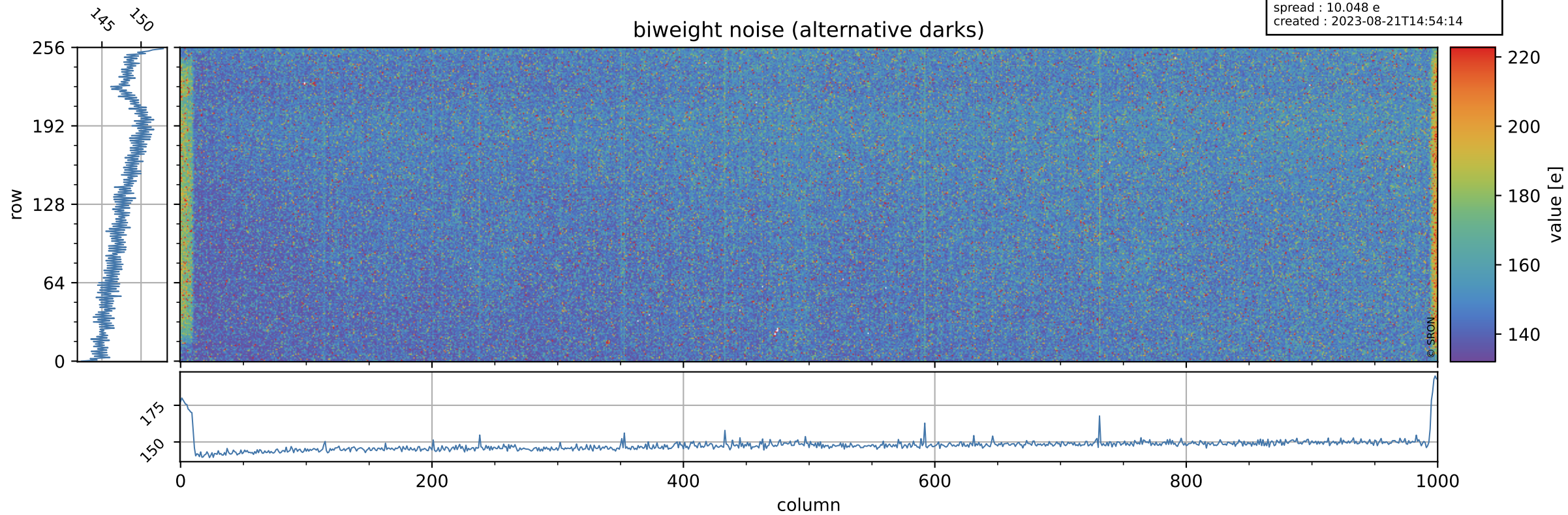
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.048 e
created : 2023-08-21T14:54:14

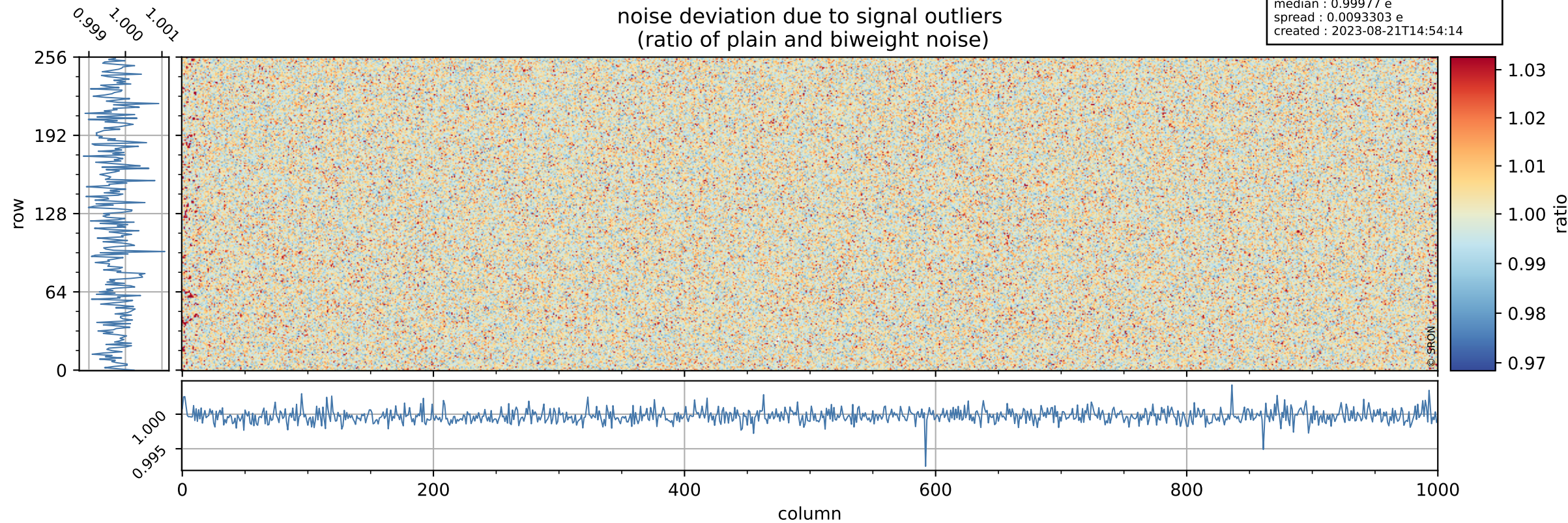
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

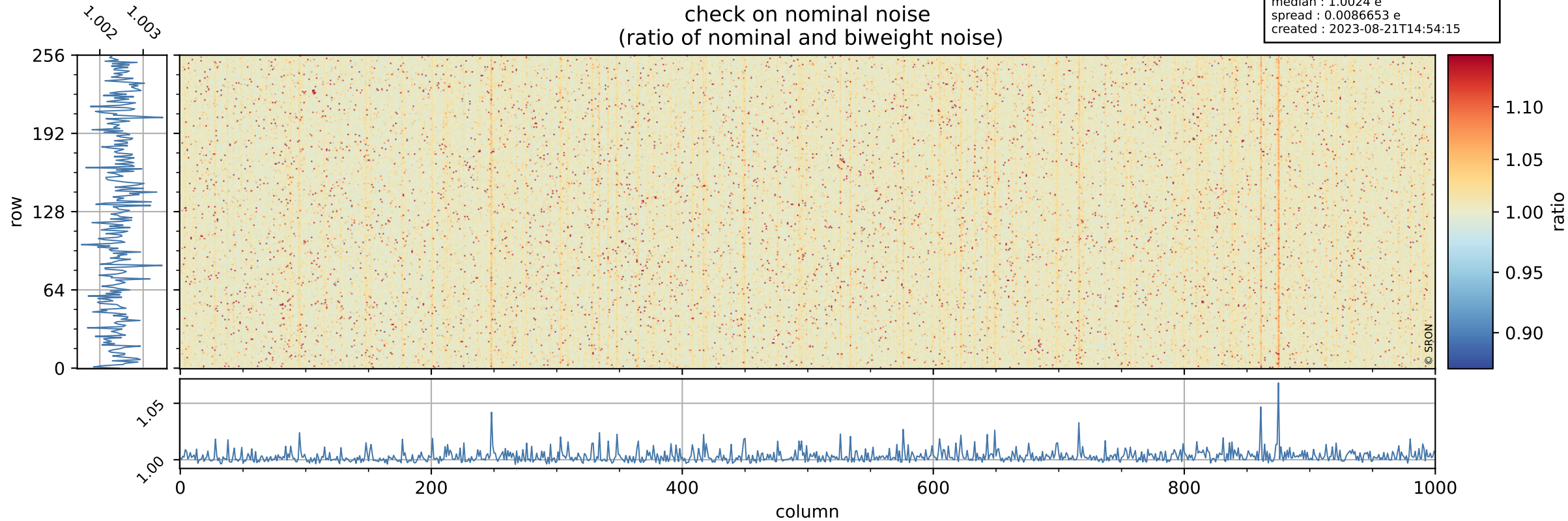
orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
median : 0.99977 e
spread : 0.0093303 e
created : 2023-08-21T14:54:14



Tropomi SWIR background noise (swir)

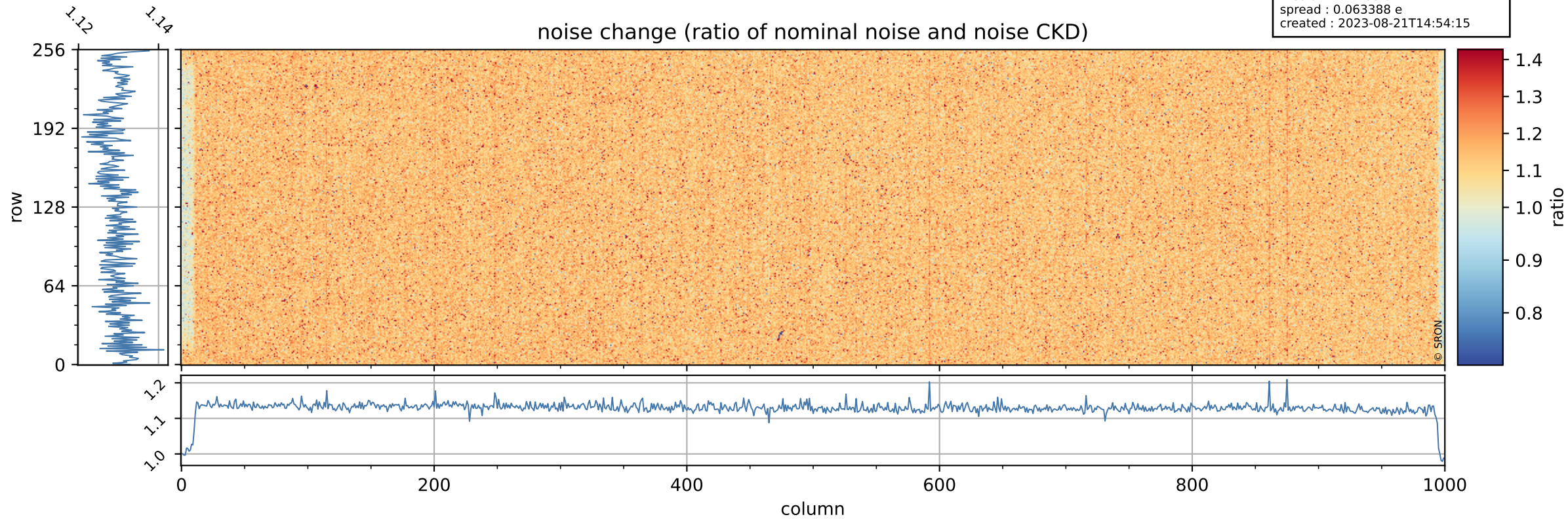
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
median : 1.0024 e
spread : 0.0086653 e
created : 2023-08-21T14:54:15



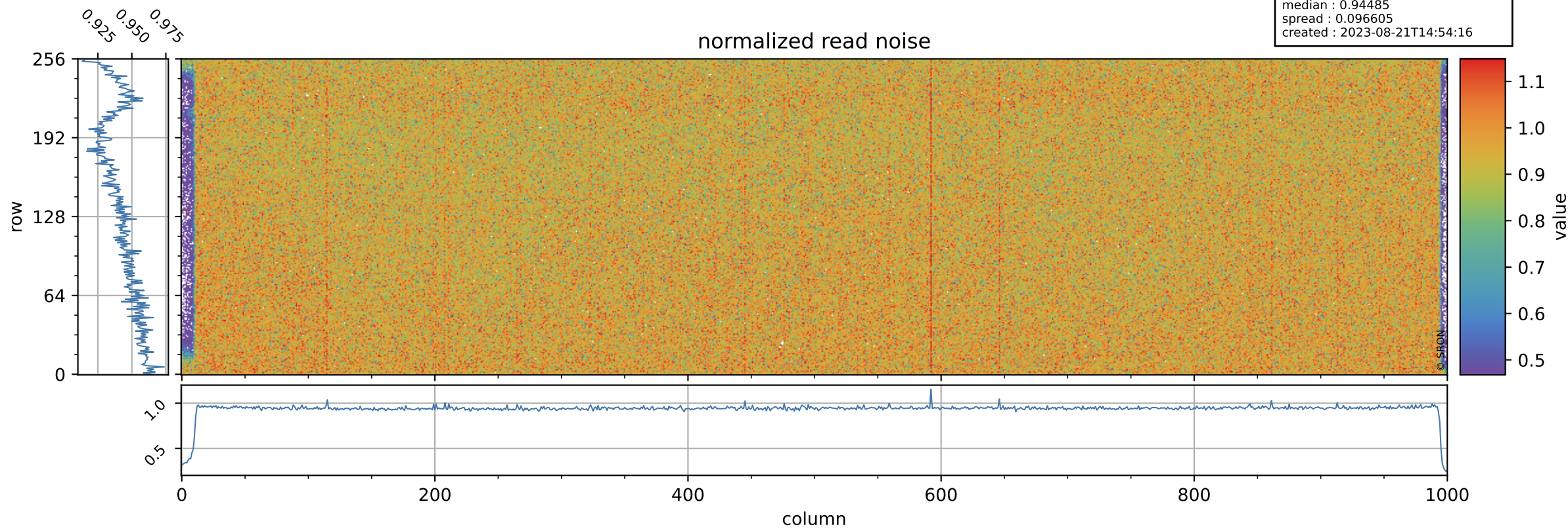
Tropomi SWIR background noise (swir)

orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
median : 1.1288 e
spread : 0.063388 e
created : 2023-08-21T14:54:15



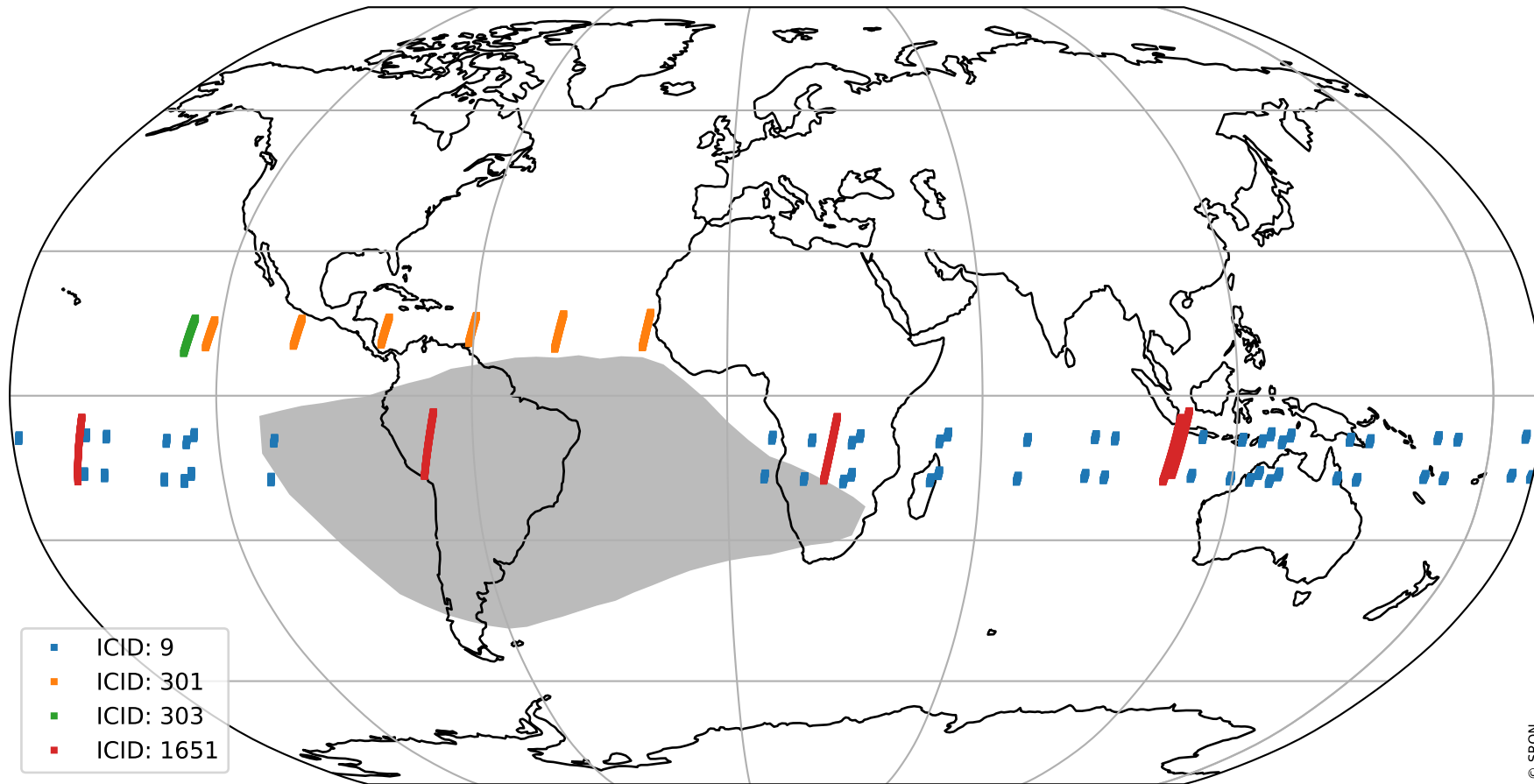
Tropomi SWIR background noise (swir)

orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
median : 0.94485
spread : 0.096605
created : 2023-08-21T14:54:16



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

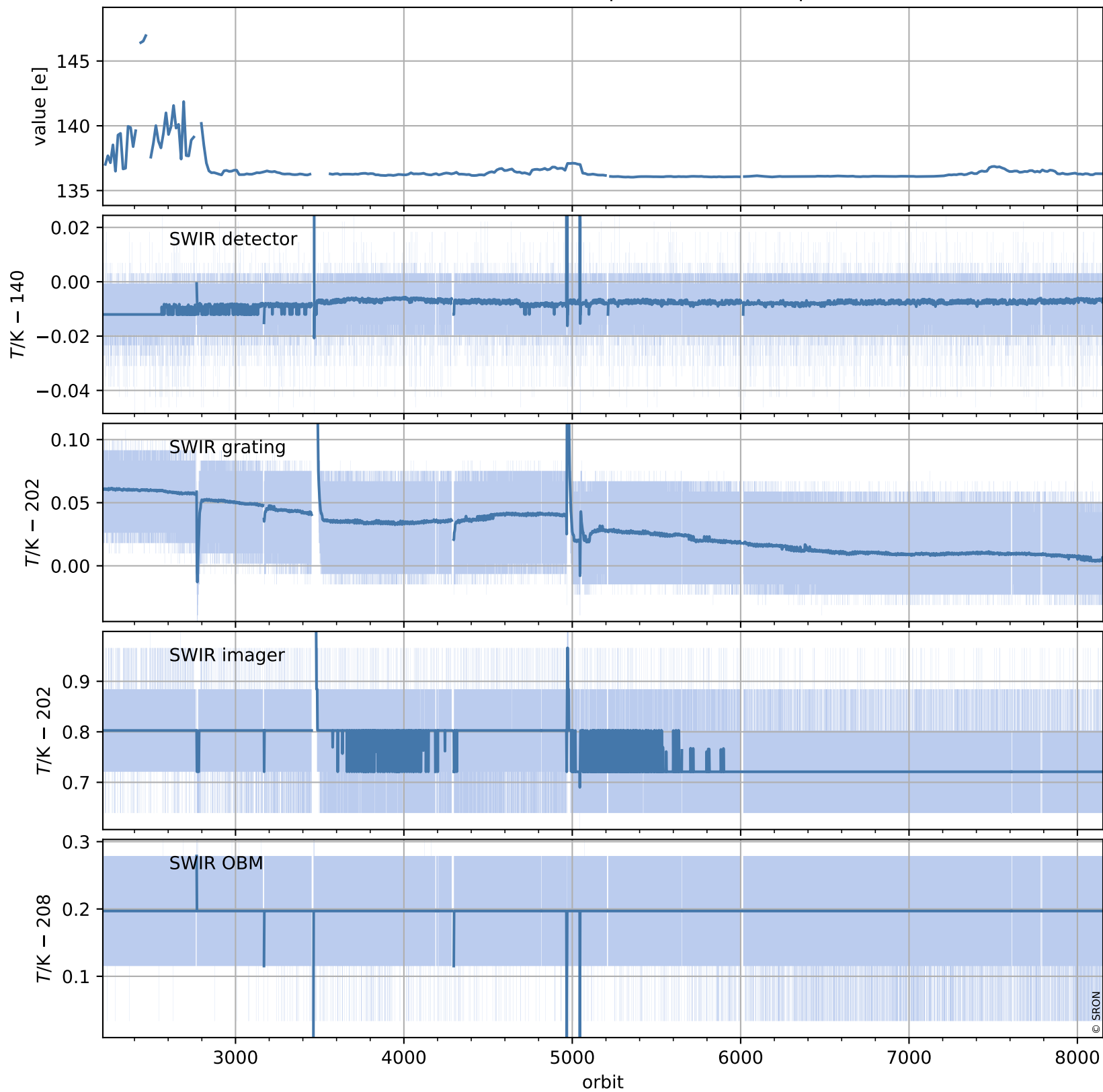
orbits : 12 in [8062, 8152]
coverage : 2019-05-05 / 2019-05-10
created : 2023-08-21T14:54:16



Tropomi SWIR background noise (swir)

orbits : [2212, 8152]
coverage : 2018-03-18 / 2019-05-10
created : 2023-08-21T14:54:17

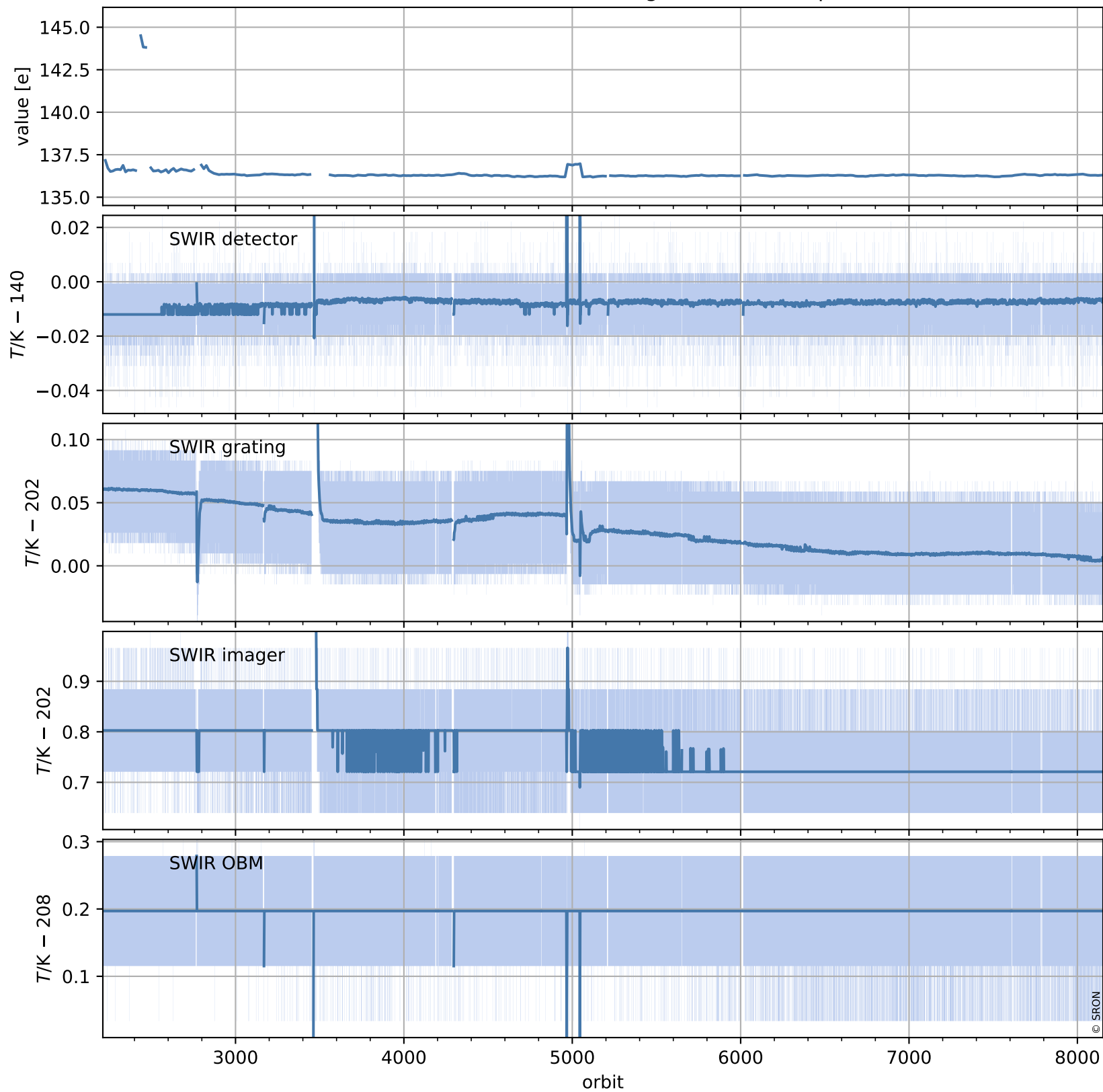
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8152]
coverage : 2018-03-18 / 2019-05-10
created : 2023-08-21T14:54:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8152]
coverage : 2018-03-18 / 2019-05-10
created : 2023-08-21T14:54:19

trend of normalized read-noise & temperatures

