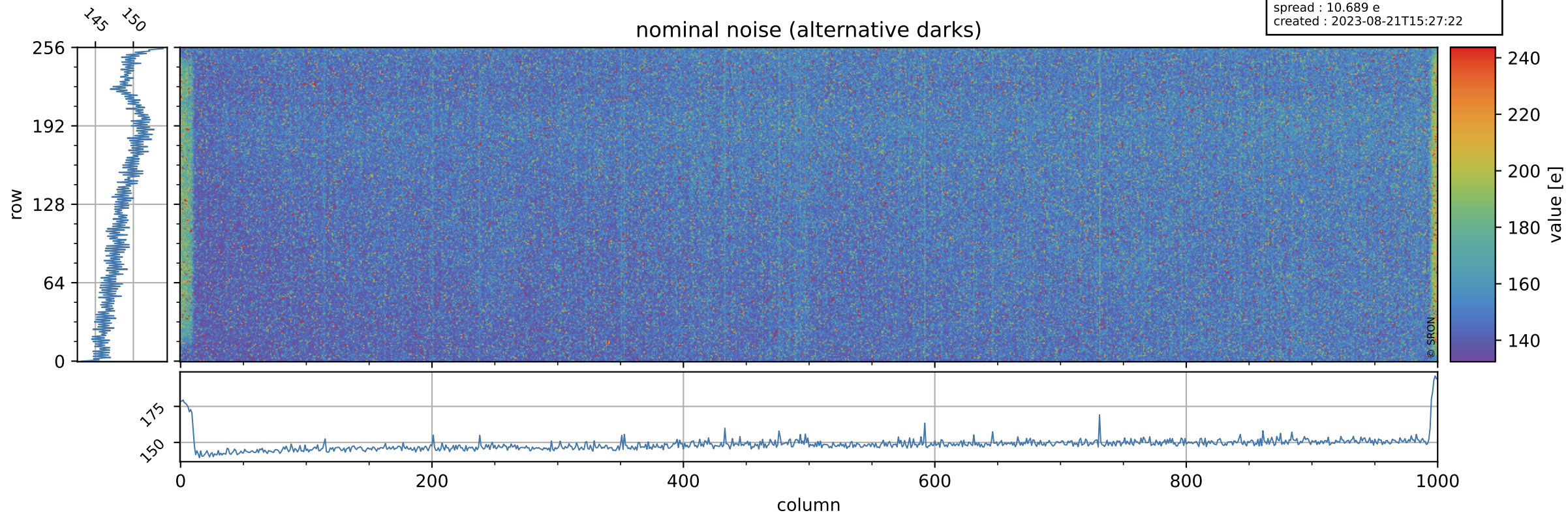


Tropomi SWIR background noise (swir)

orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.689 e
created : 2023-08-21T15:27:22

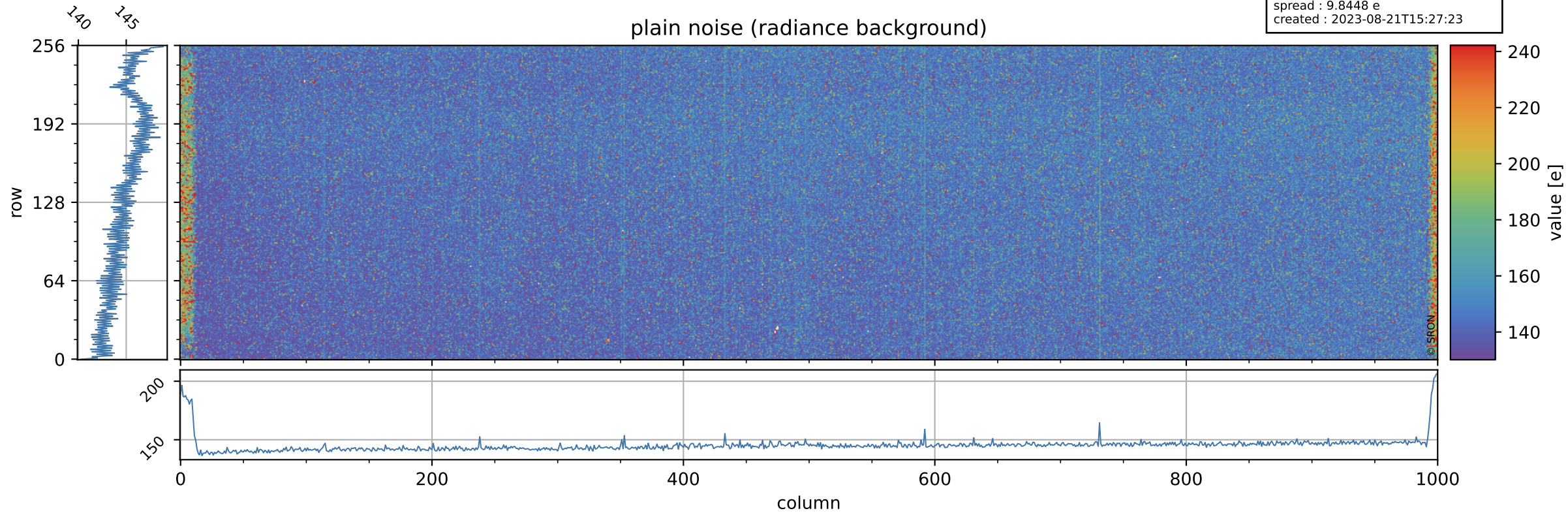
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
n_coad, t_exp : 1, 0.8383
median : 144.74 e
spread : 9.8448 e
created : 2023-08-21T15:27:23

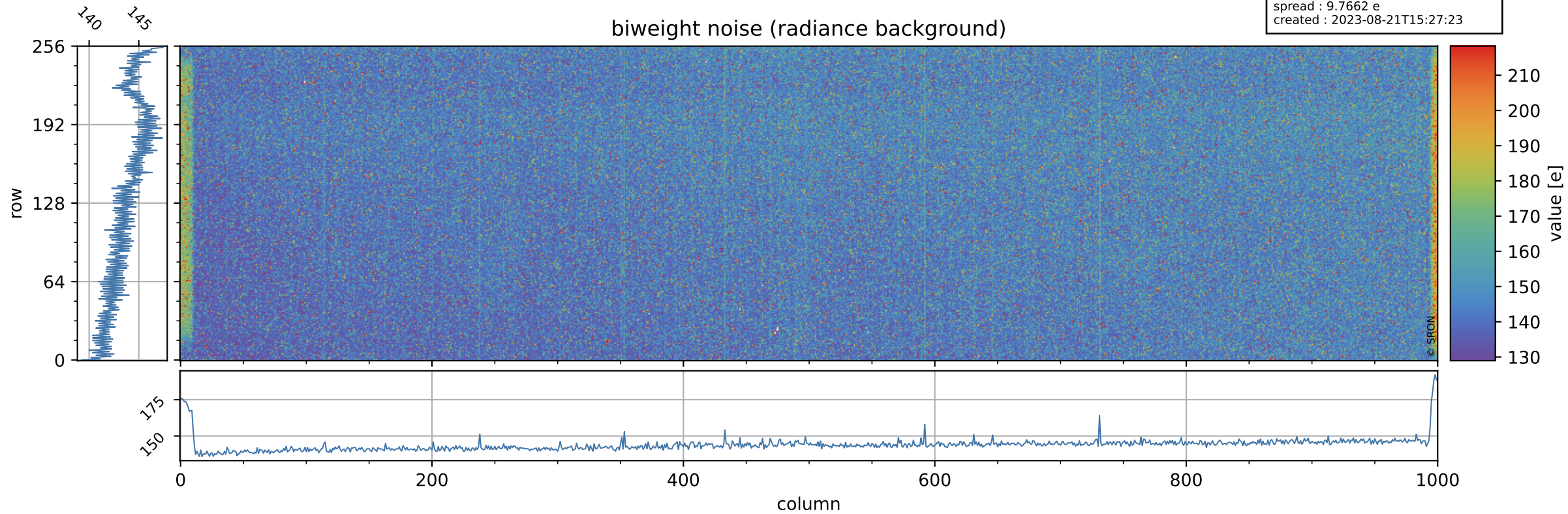
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7662 e
created : 2023-08-21T15:27:23

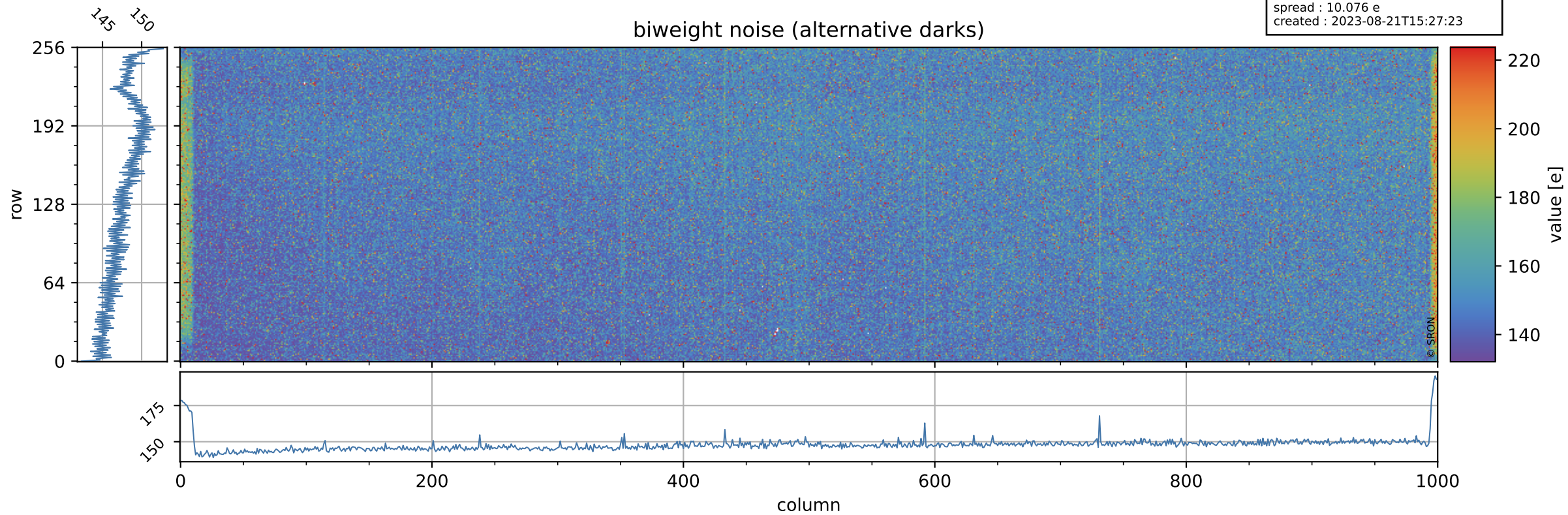
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.076 e
created : 2023-08-21T15:27:23

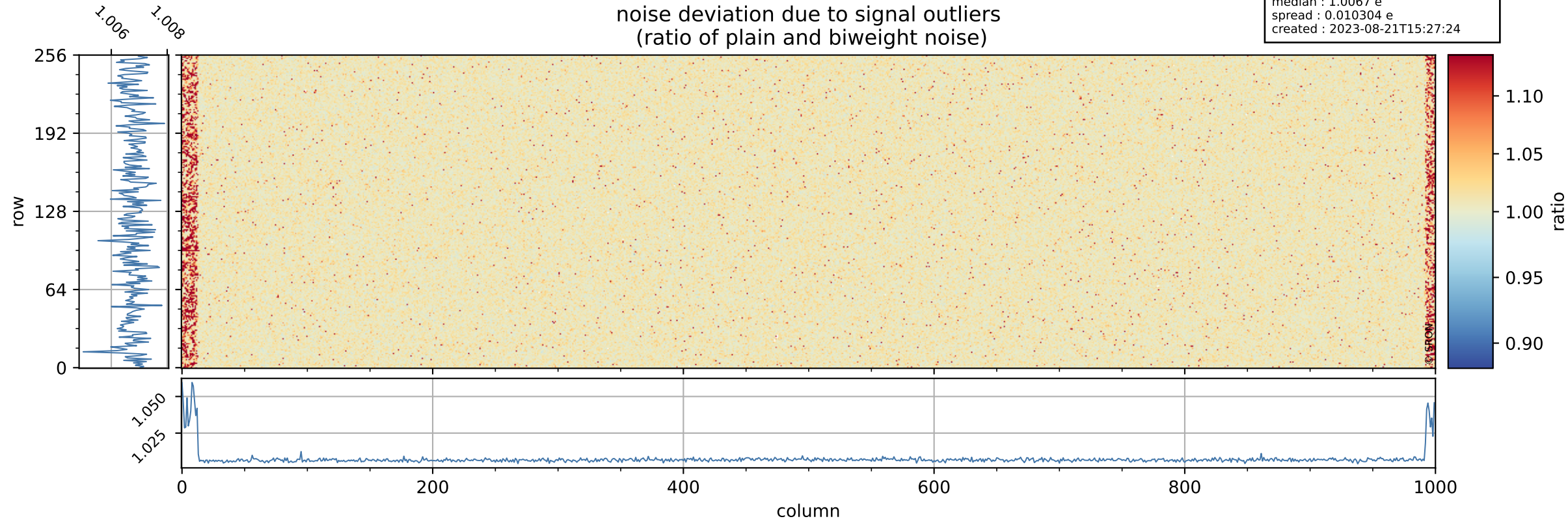
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

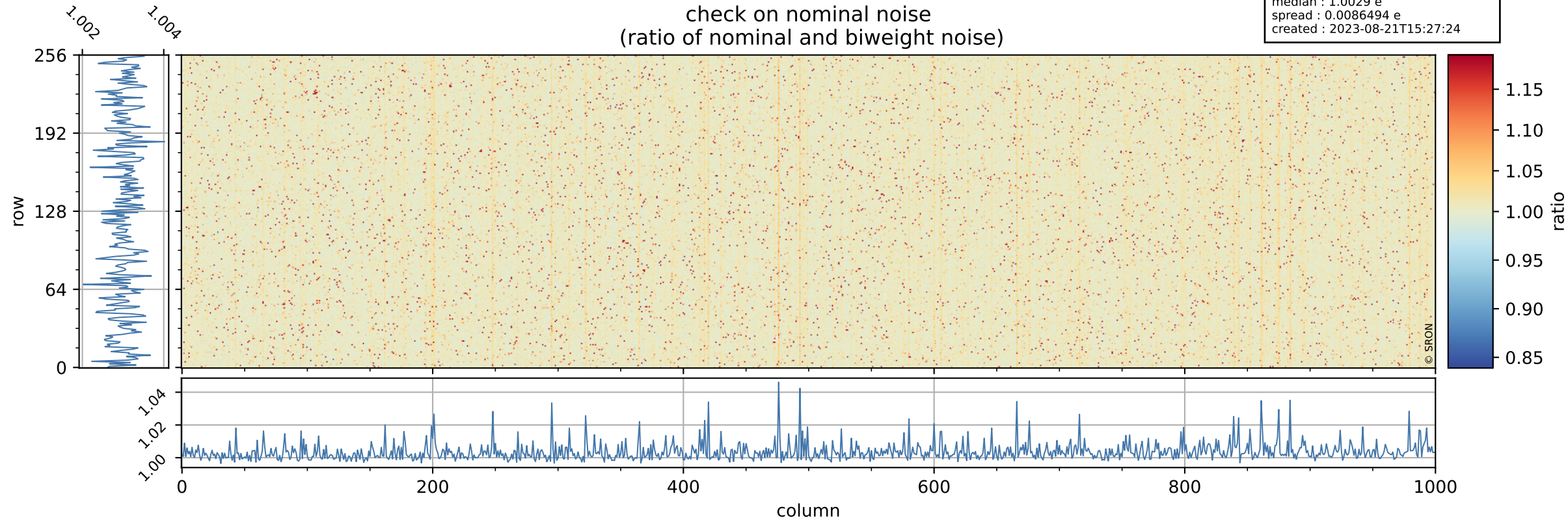
orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
median : 1.0067 e
spread : 0.010304 e
created : 2023-08-21T15:27:24



Tropomi SWIR background noise (swir)

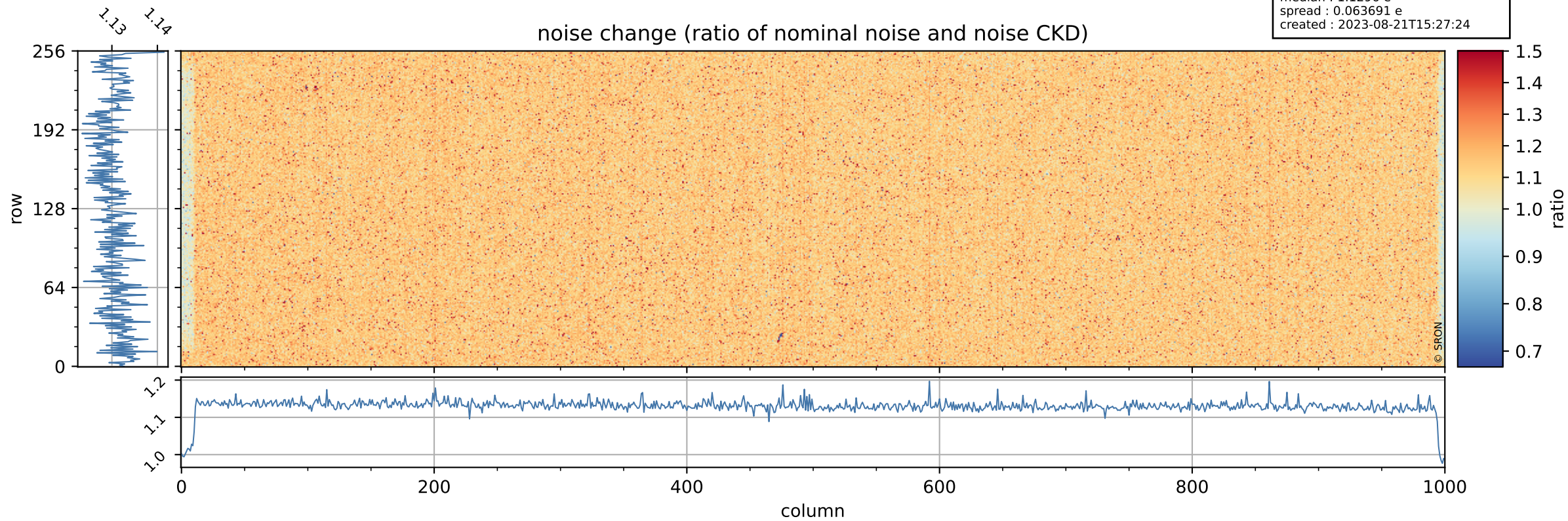
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
median : 1.0029 e
spread : 0.0086494 e
created : 2023-08-21T15:27:24



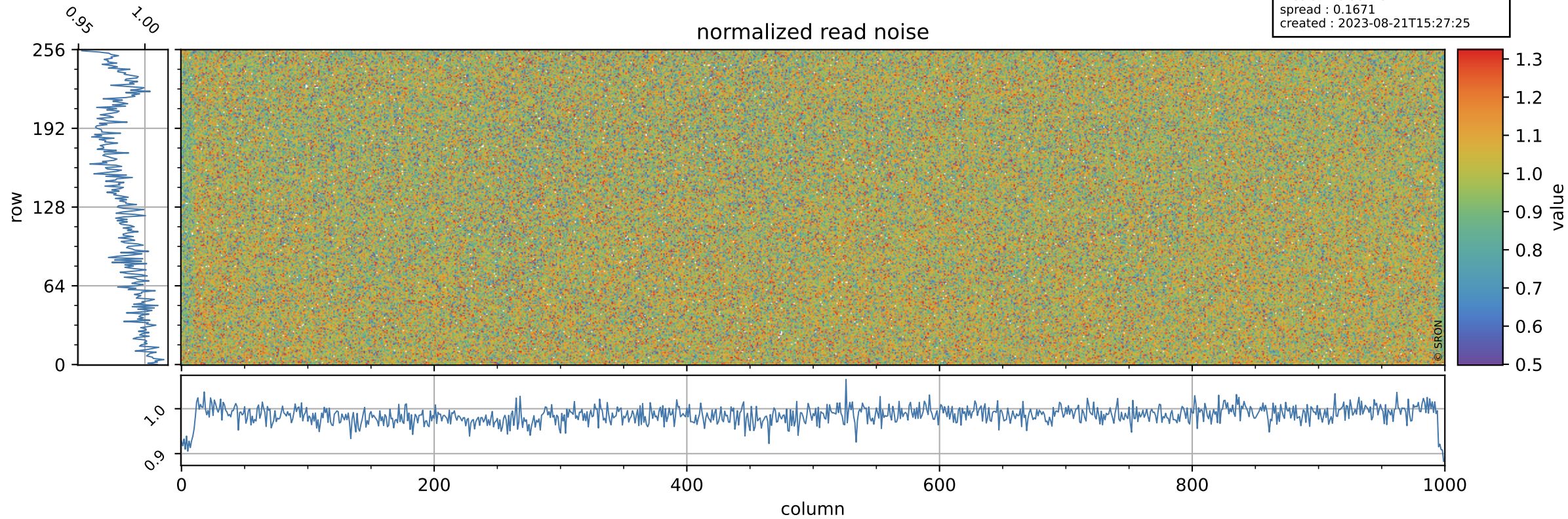
Tropomi SWIR background noise (swir)

orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
median : 1.1296 e
spread : 0.063691 e
created : 2023-08-21T15:27:24



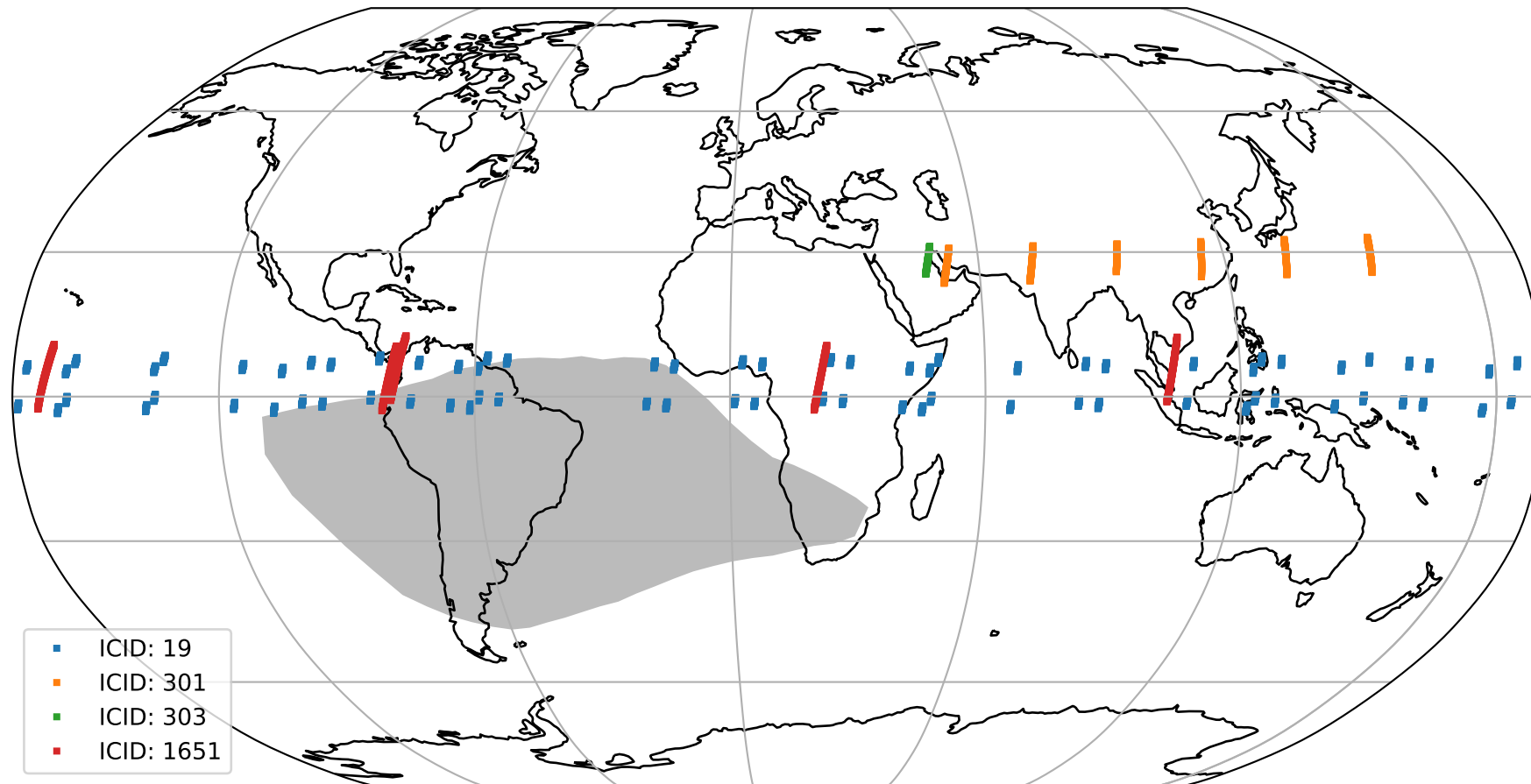
Tropomi SWIR background noise (swir)

orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
median : 0.98429
spread : 0.1671
created : 2023-08-21T15:27:25



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

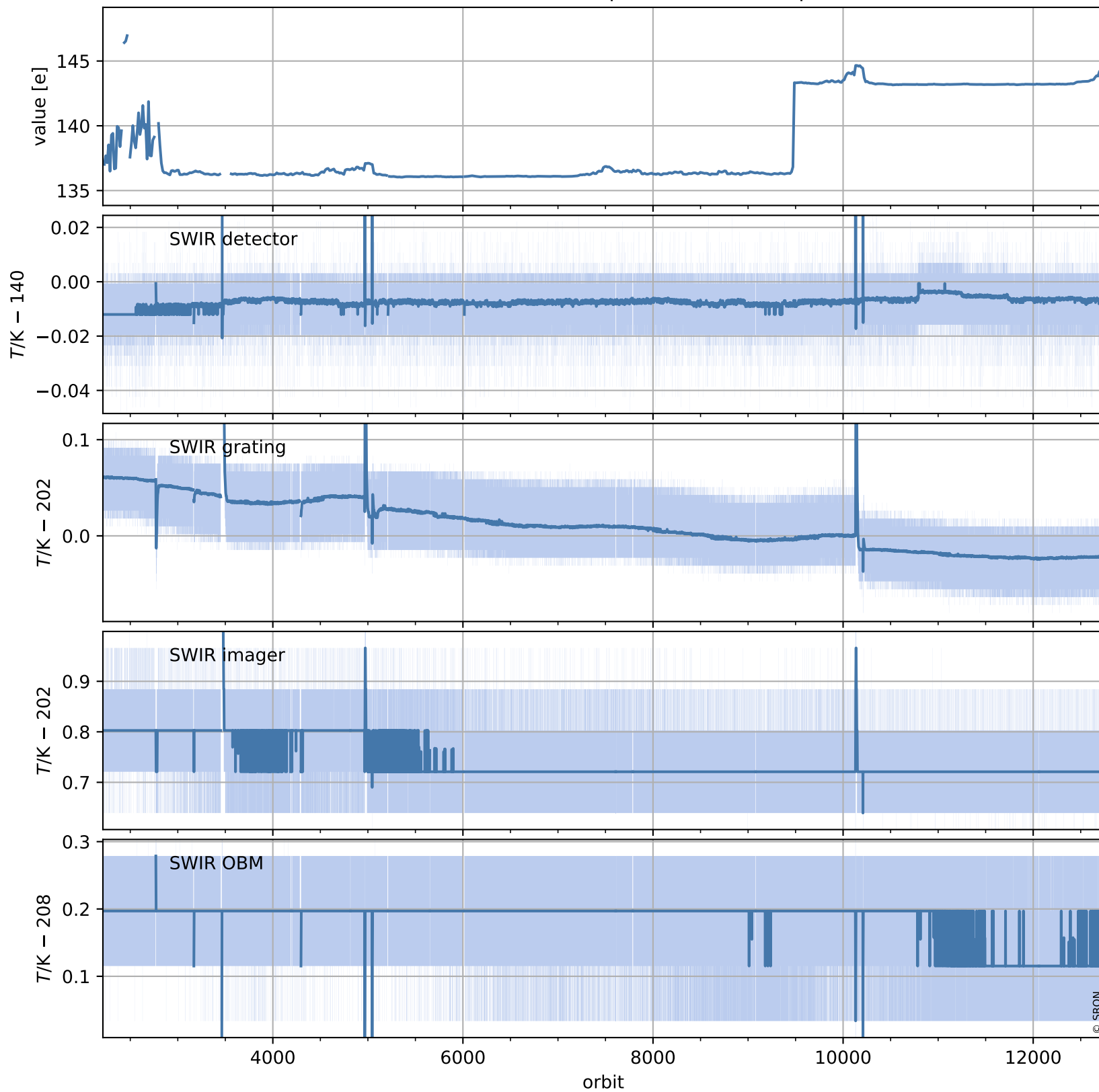
orbits : 12 in [12652, 12742]
coverage : 2020-03-23 / 2020-03-29
created : 2023-08-21T15:27:25



Tropomi SWIR background noise (swir)

orbits : [2212, 12742]
coverage : 2018-03-18 / 2020-03-29
created : 2023-08-21T15:27:25

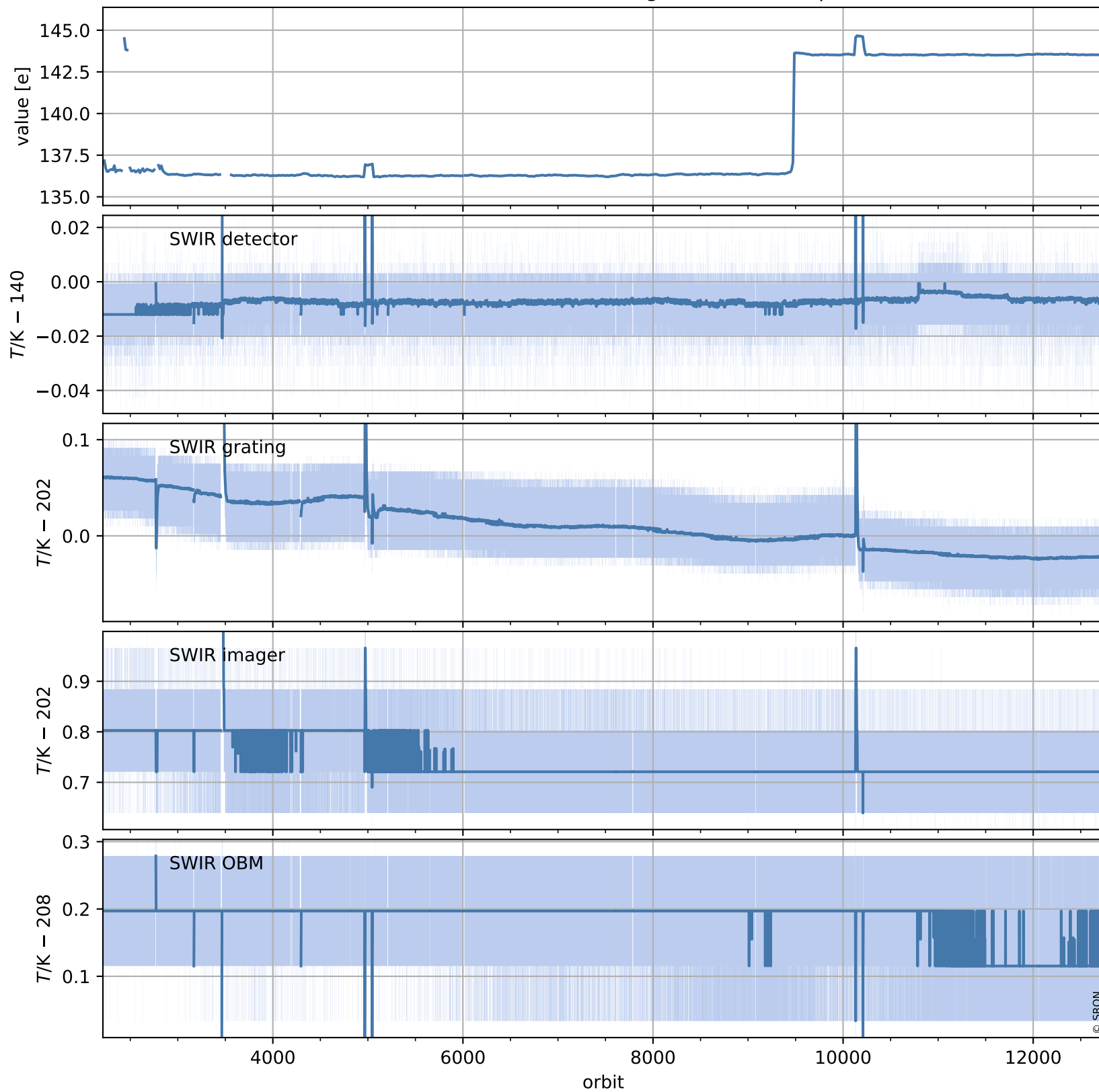
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12742]
coverage : 2018-03-18 / 2020-03-29
created : 2023-08-21T15:27:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12742]
coverage : 2018-03-18 / 2020-03-29
created : 2023-08-21T15:27:26

trend of normalized read-noise & temperatures

