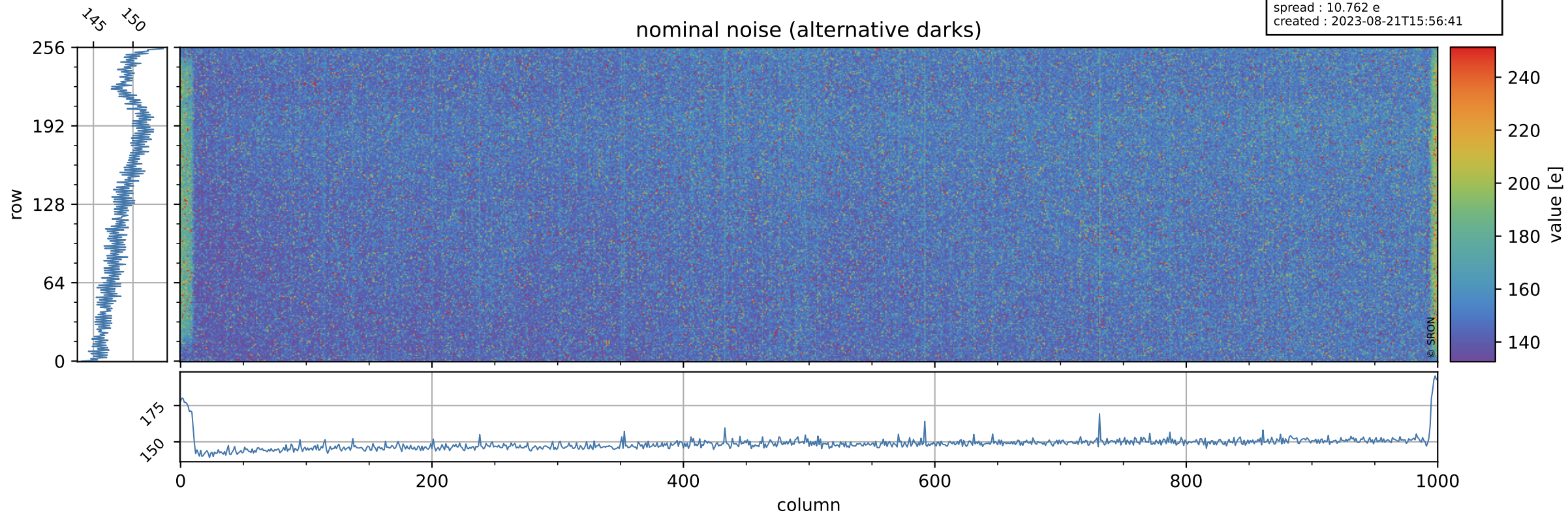


Tropomi SWIR background noise (swir)

orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.762 e
created : 2023-08-21T15:56:41

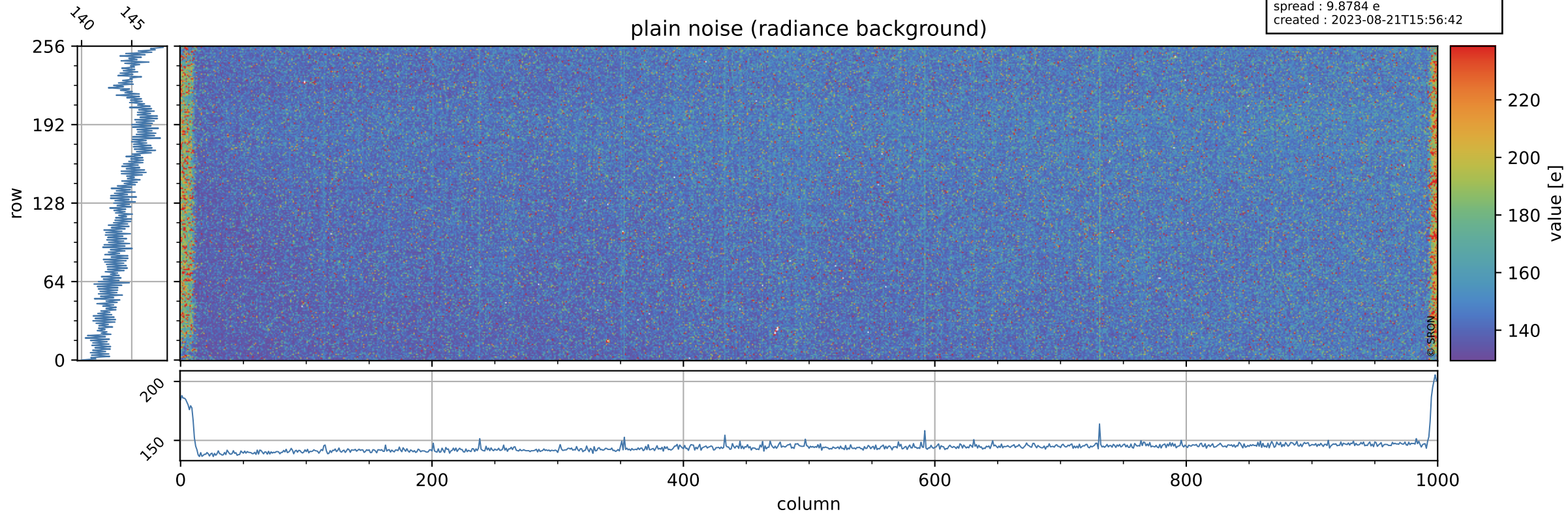
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
n_coad, t_exp : 1, 0.8383
median : 144.14 e
spread : 9.8784 e
created : 2023-08-21T15:56:42

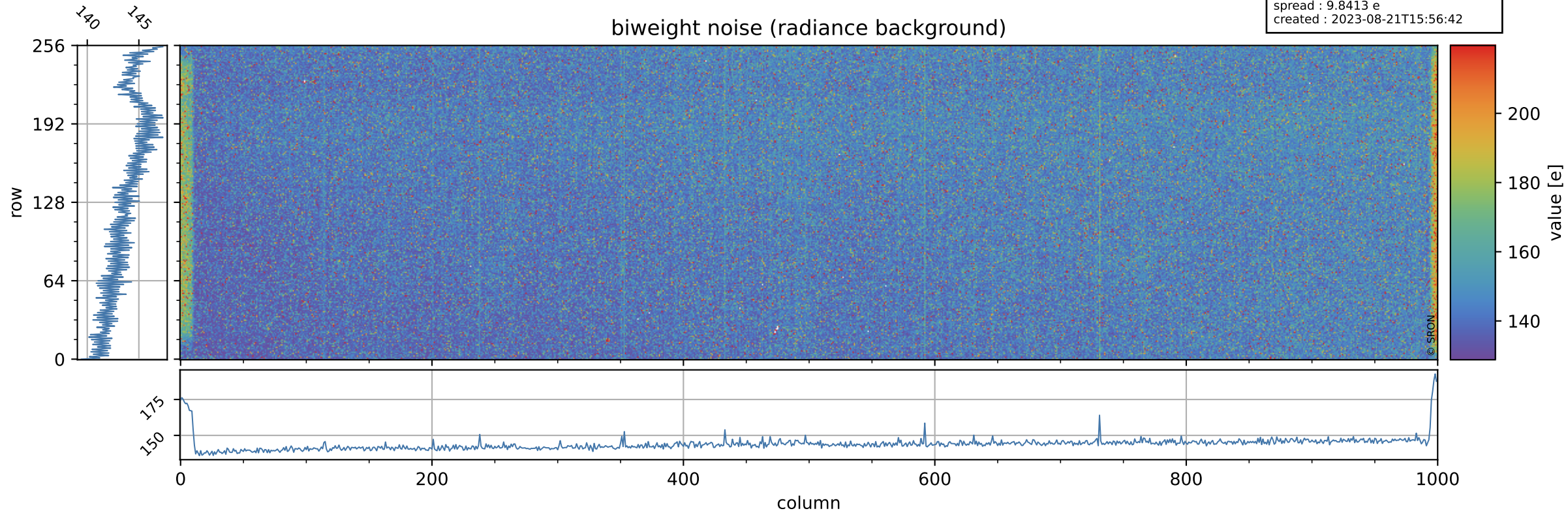
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8413 e
created : 2023-08-21T15:56:42

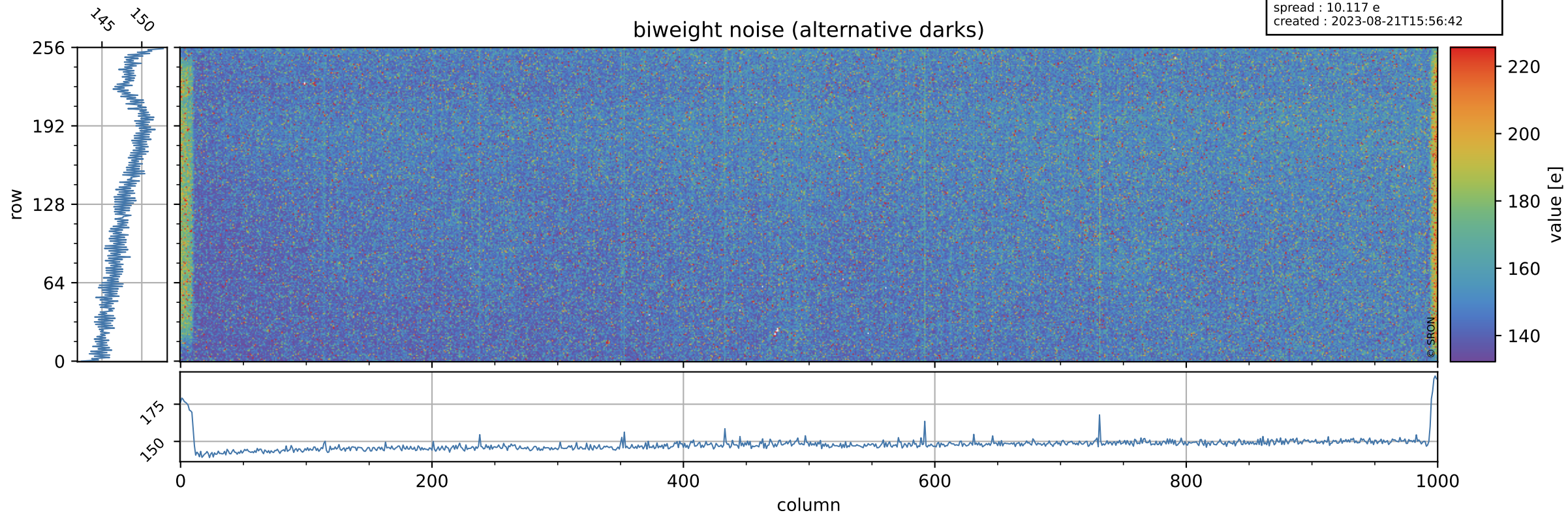
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.117 e
created : 2023-08-21T15:56:42

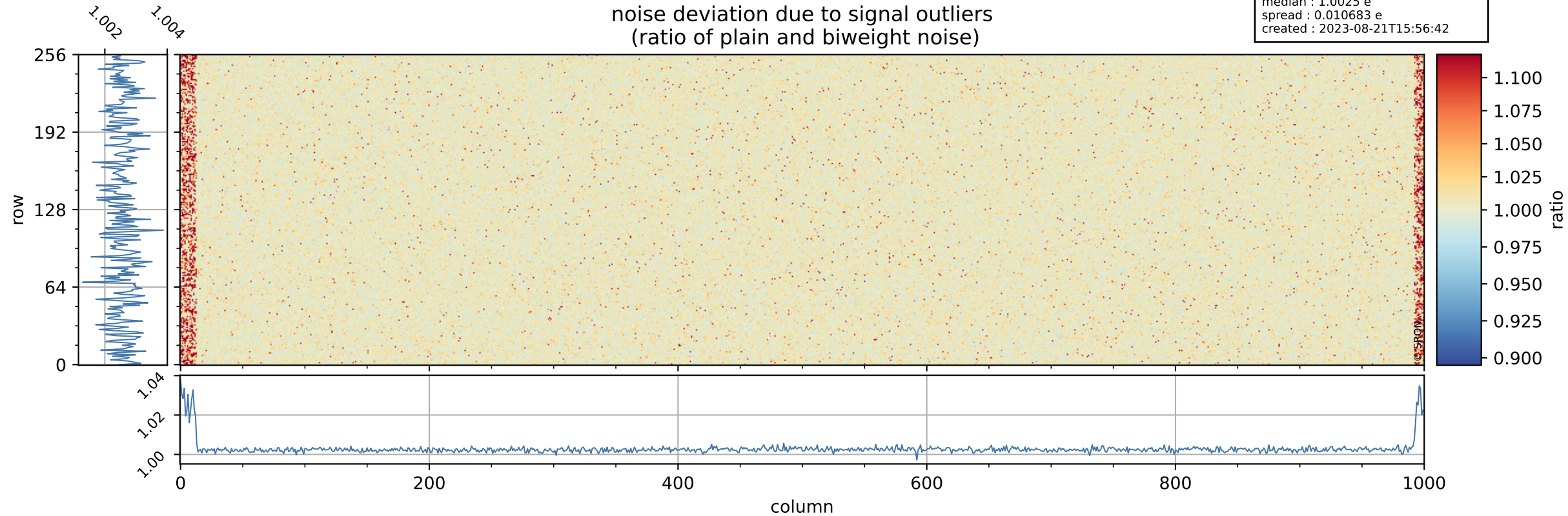
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

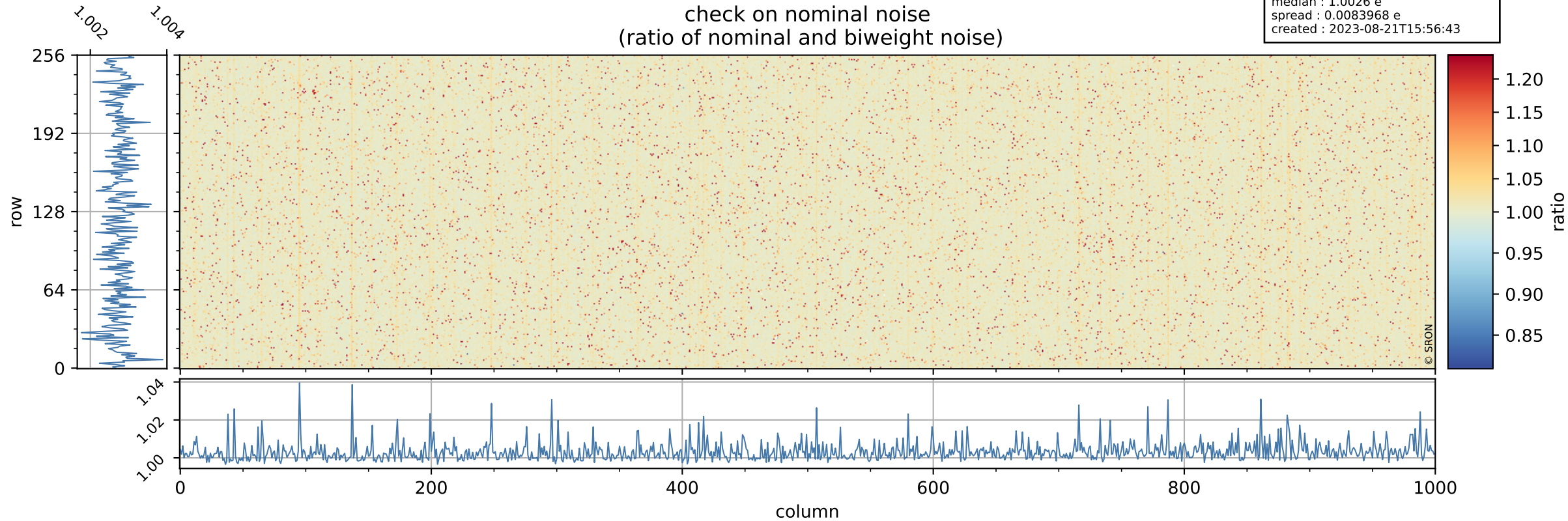
orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
median : 1.0025 e
spread : 0.010683 e
created : 2023-08-21T15:56:42



Tropomi SWIR background noise (swir)

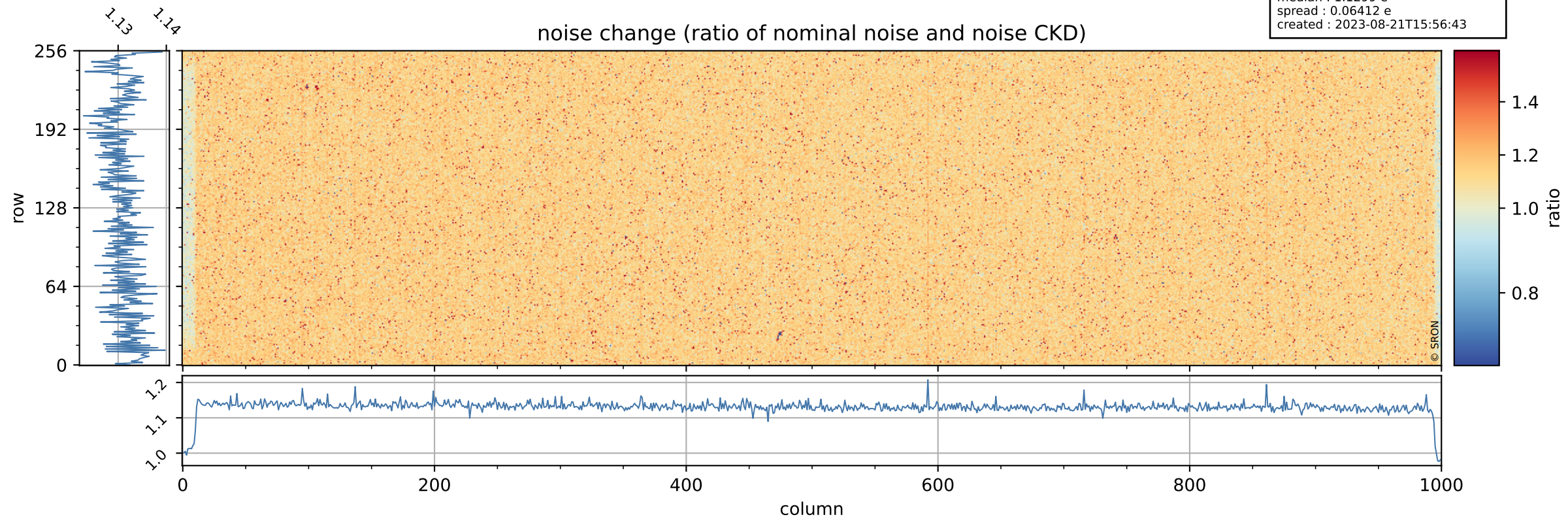
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
median : 1.0026 e
spread : 0.0083968 e
created : 2023-08-21T15:56:43



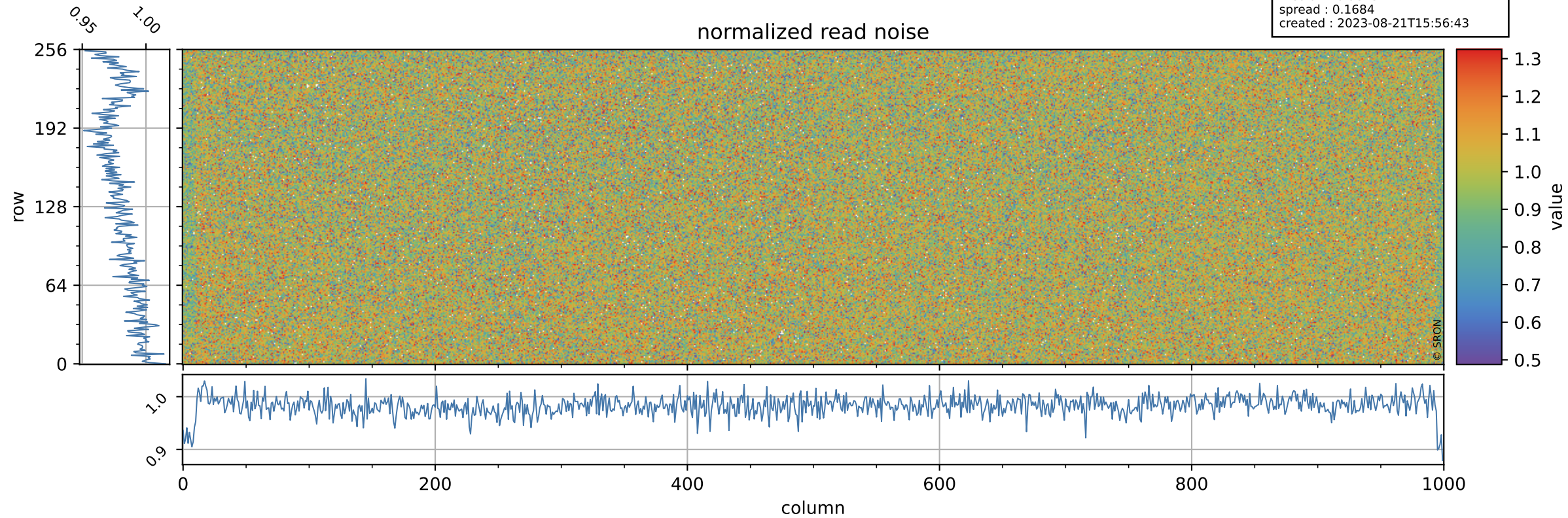
Tropomi SWIR background noise (swir)

orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
median : 1.1299 e
spread : 0.06412 e
created : 2023-08-21T15:56:43



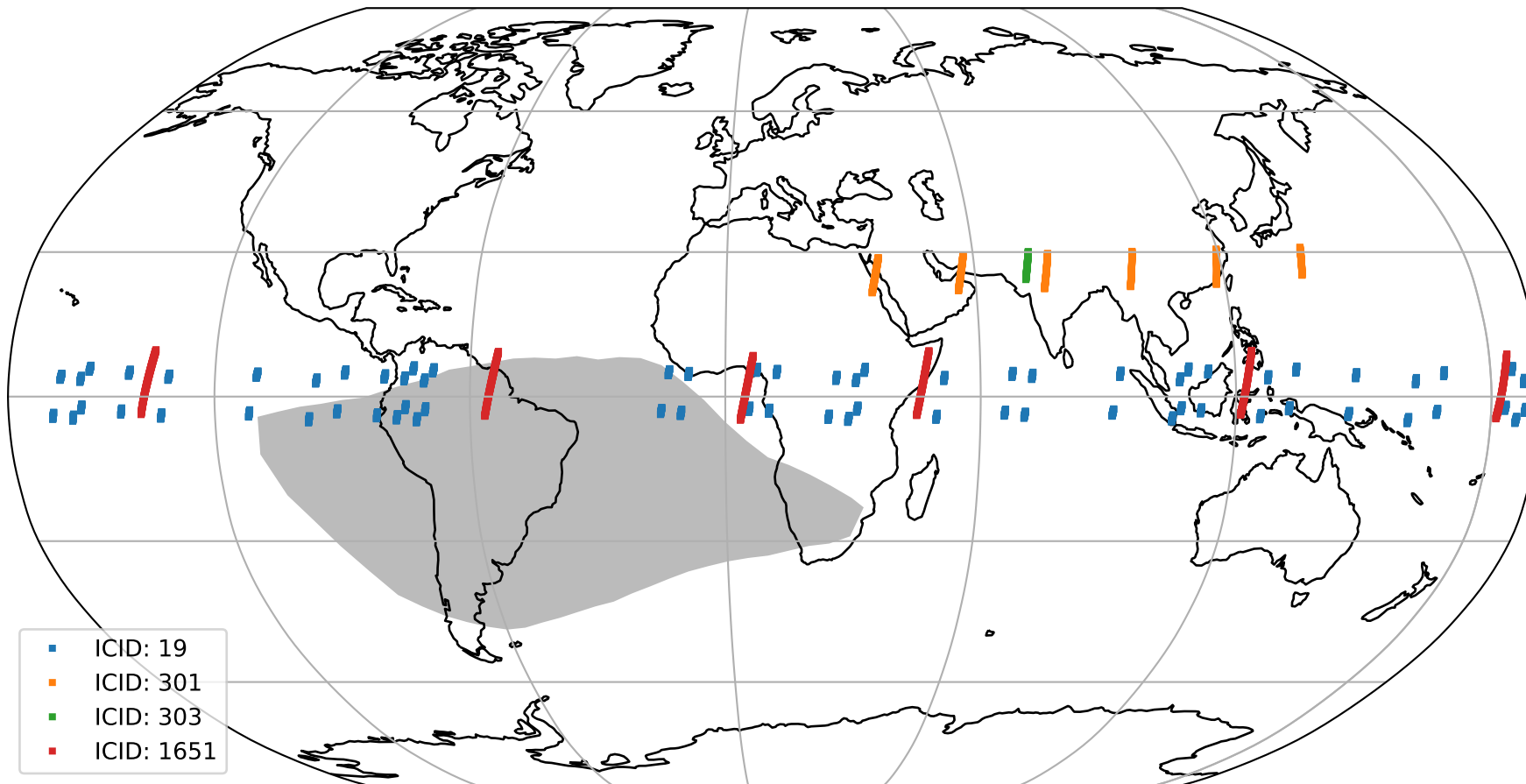
Tropomi SWIR background noise (swir)

orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
median : 0.98137
spread : 0.1684
created : 2023-08-21T15:56:43



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

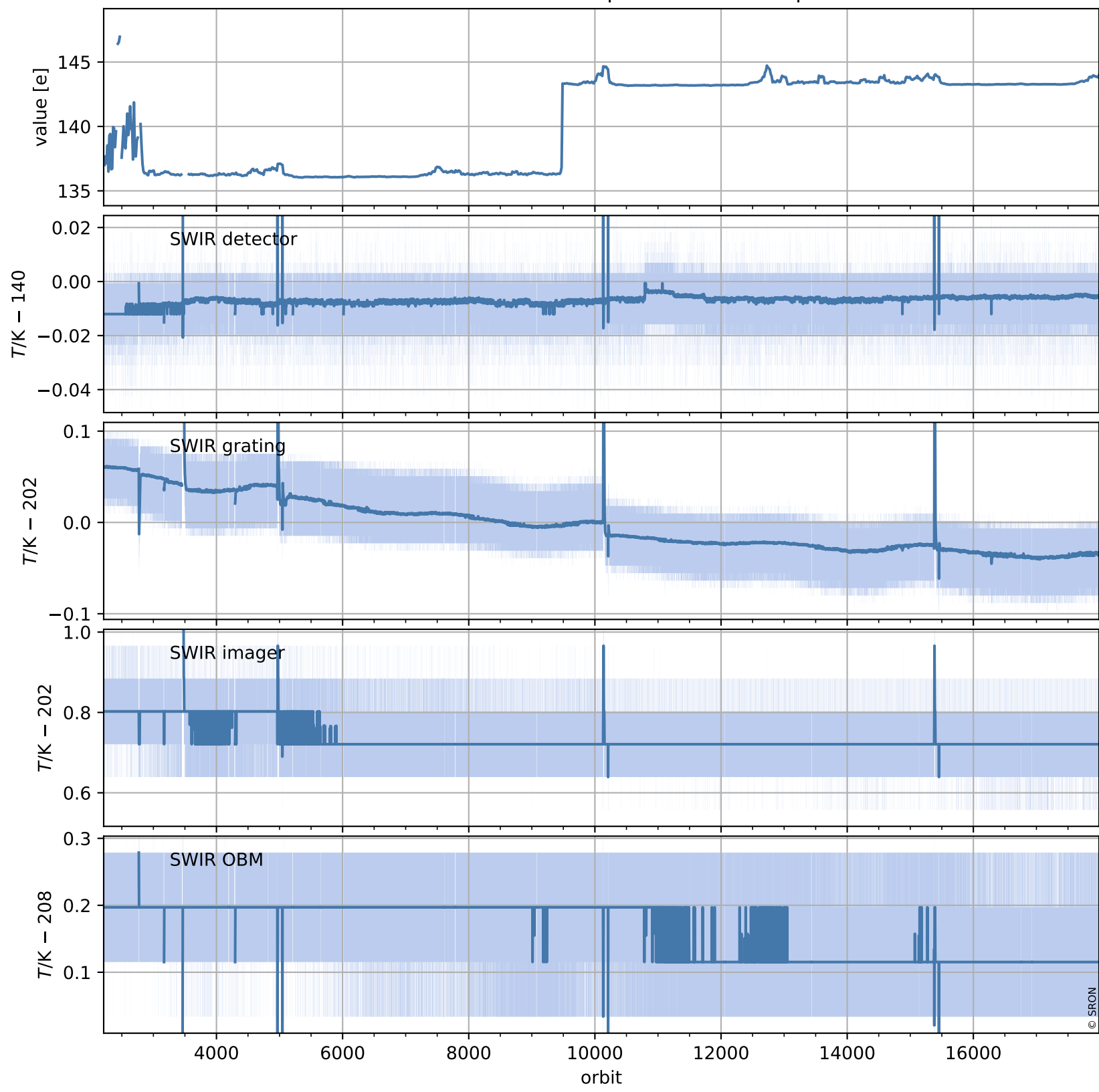
orbits : 13 in [17902, 17992]
coverage : 2021-03-28 / 2021-04-03
created : 2023-08-21T15:56:43



Tropomi SWIR background noise (swir)

orbits : [2212, 17992]
coverage : 2018-03-18 / 2021-04-03
created : 2023-08-21T15:56:44

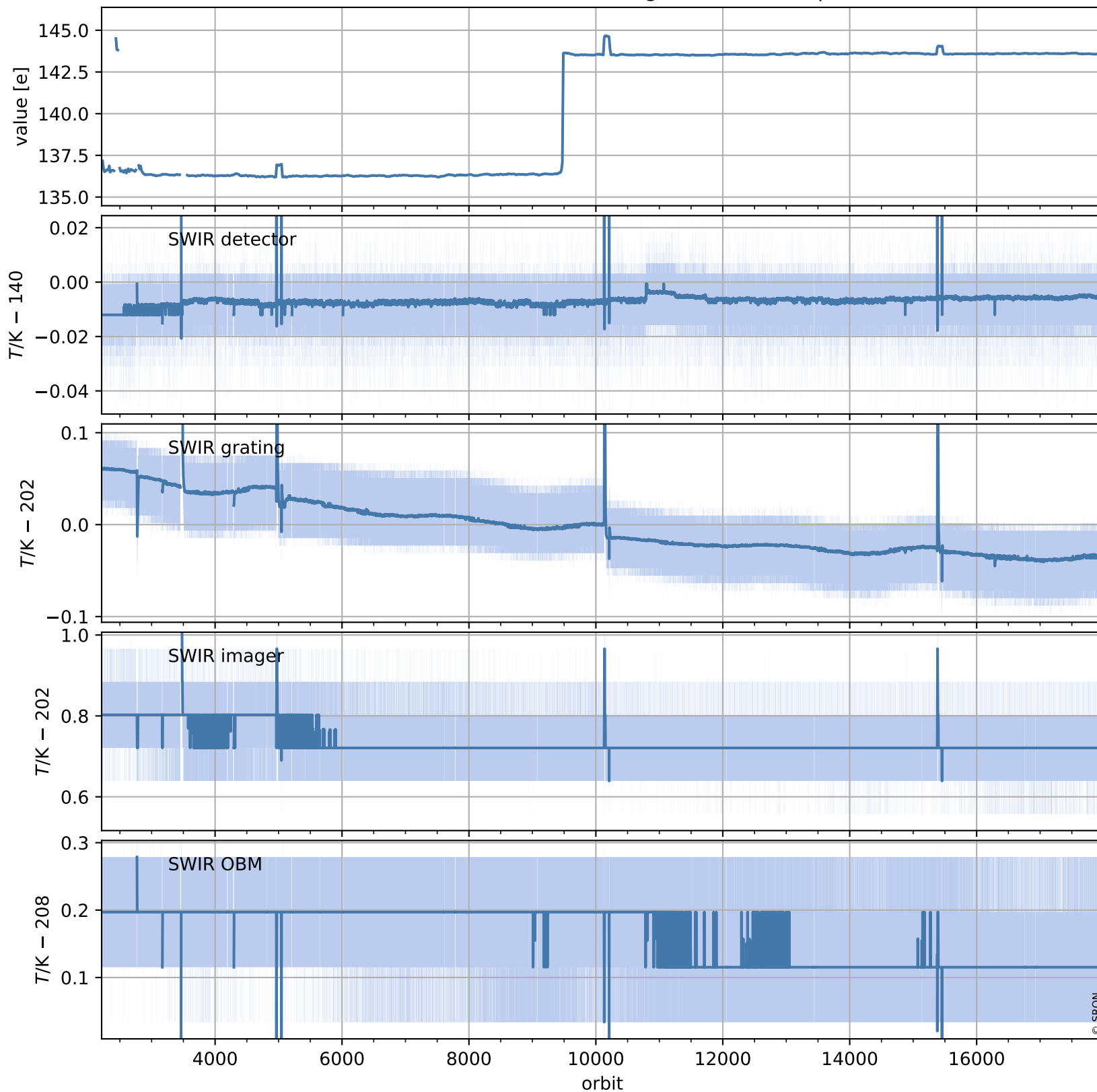
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17992]
coverage : 2018-03-18 / 2021-04-03
created : 2023-08-21T15:56:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17992]
coverage : 2018-03-18 / 2021-04-03
created : 2023-08-21T15:56:45

trend of normalized read-noise & temperatures

