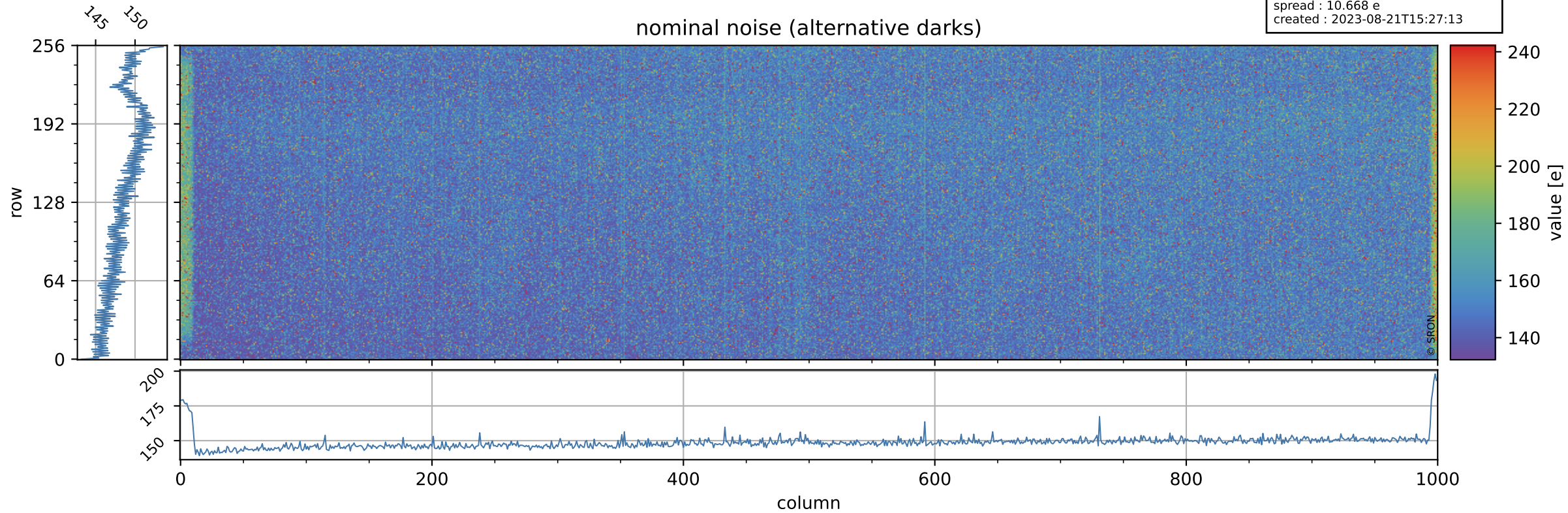


Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.668 e
created : 2023-08-21T15:27:13

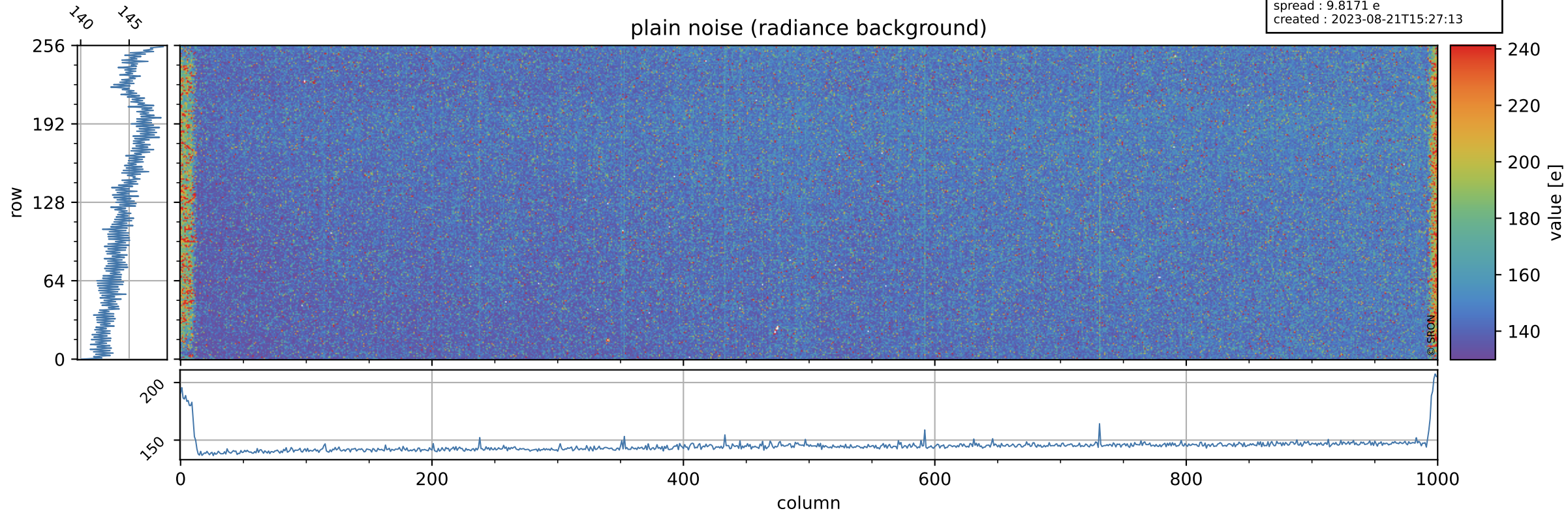
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
n_coad, t_exp : 1, 0.8383
median : 144.47 e
spread : 9.8171 e
created : 2023-08-21T15:27:13

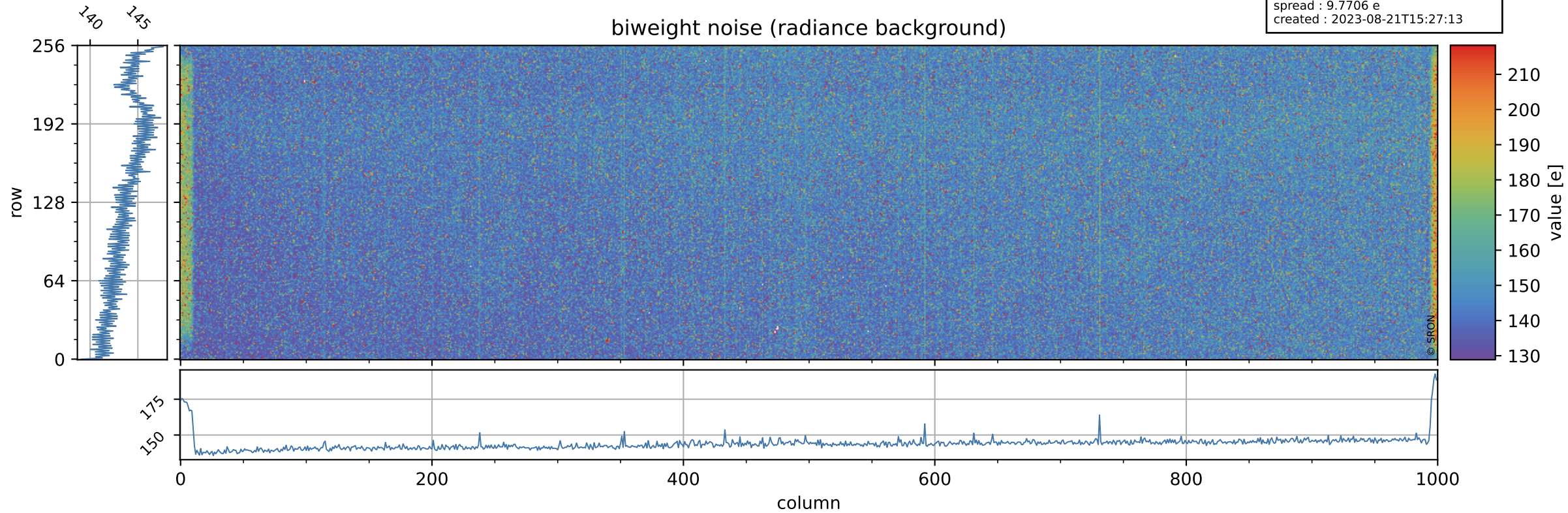
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.7706 e
created : 2023-08-21T15:27:13

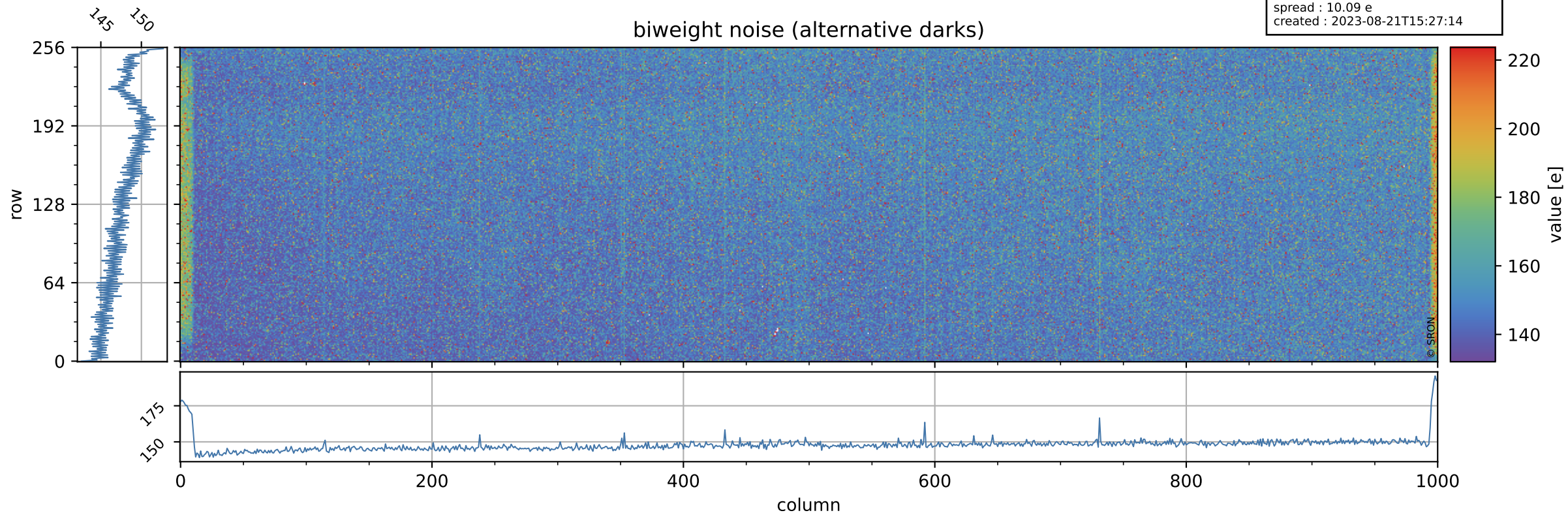
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.09 e
created : 2023-08-21T15:27:14

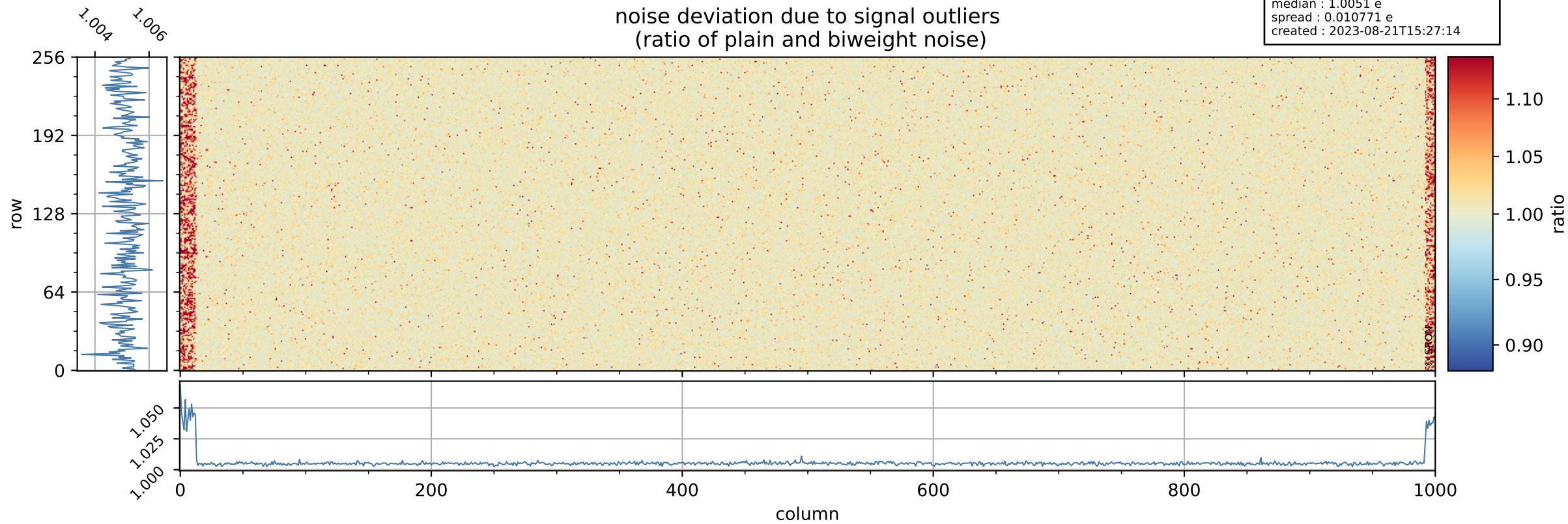
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

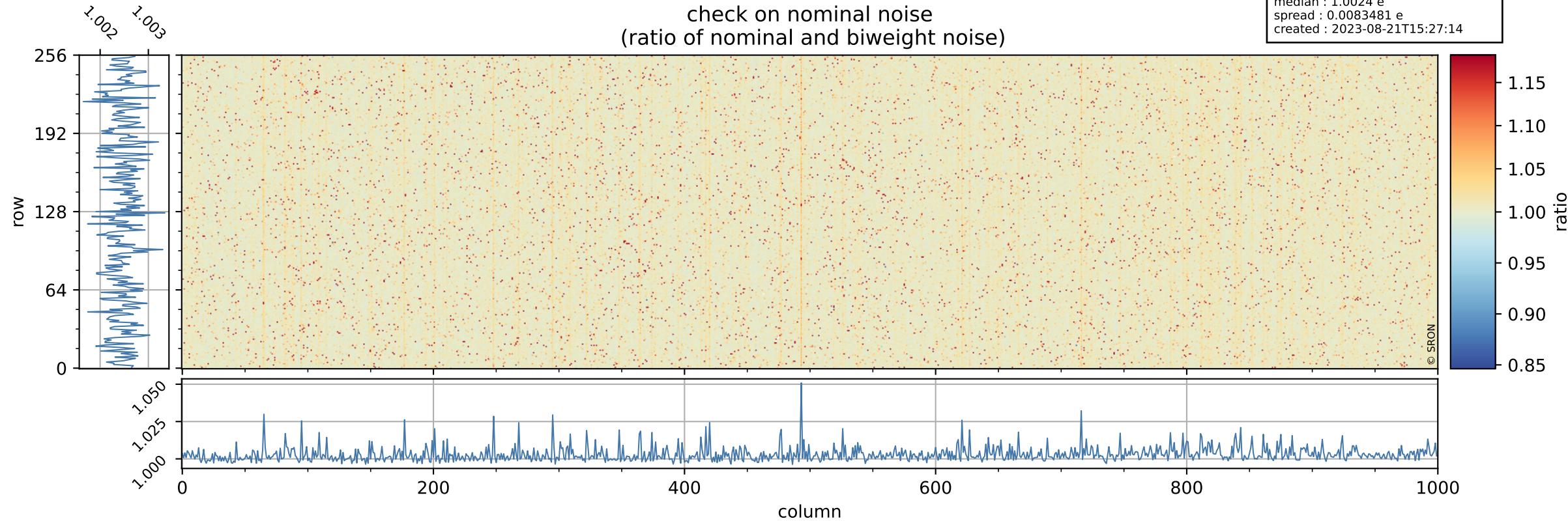
orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
median : 1.0051 e
spread : 0.010771 e
created : 2023-08-21T15:27:14



Tropomi SWIR background noise (swir)

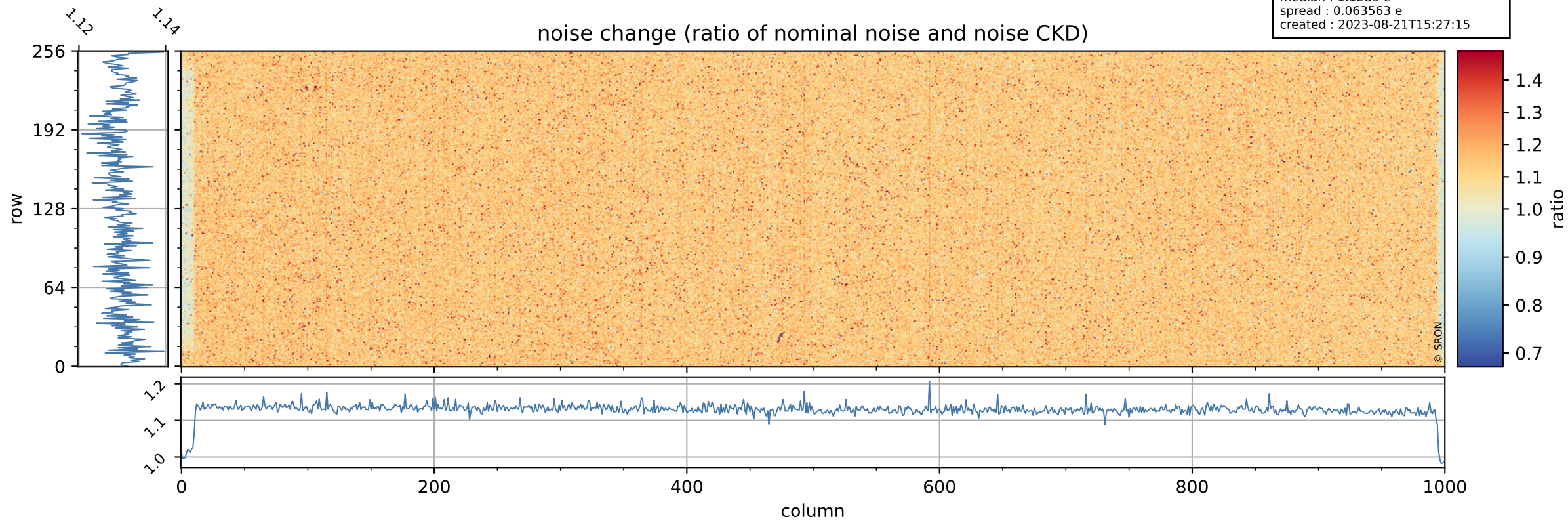
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
median : 1.0024 e
spread : 0.0083481 e
created : 2023-08-21T15:27:14



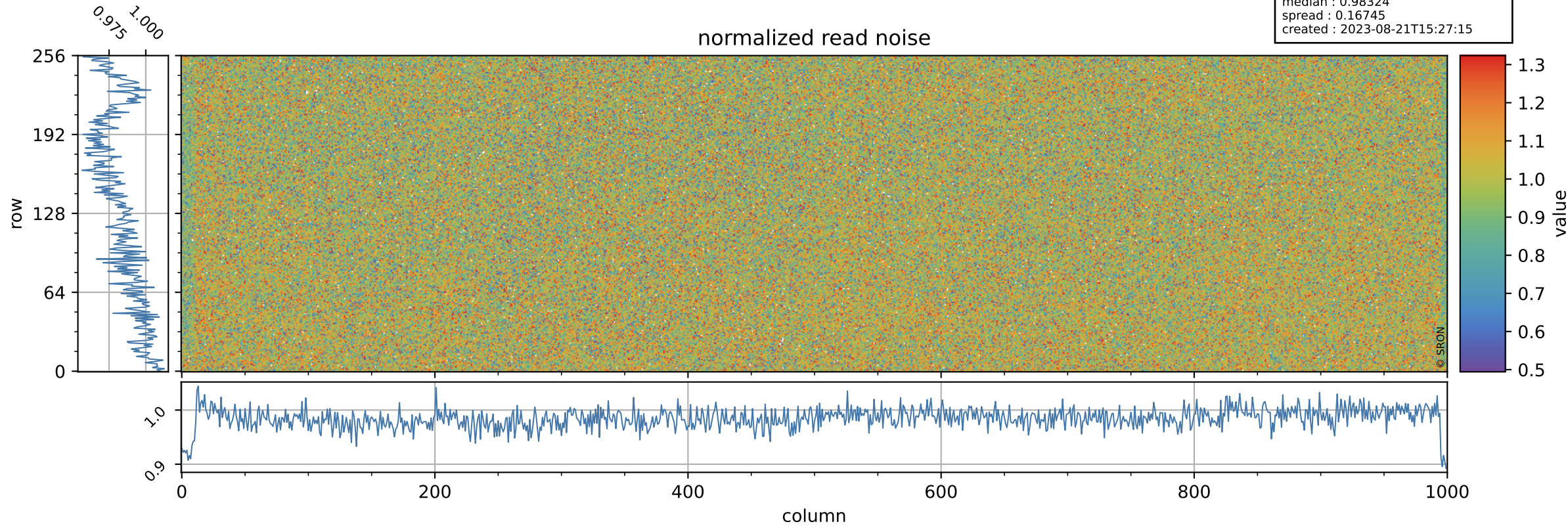
Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
median : 1.1289 e
spread : 0.063563 e
created : 2023-08-21T15:27:15



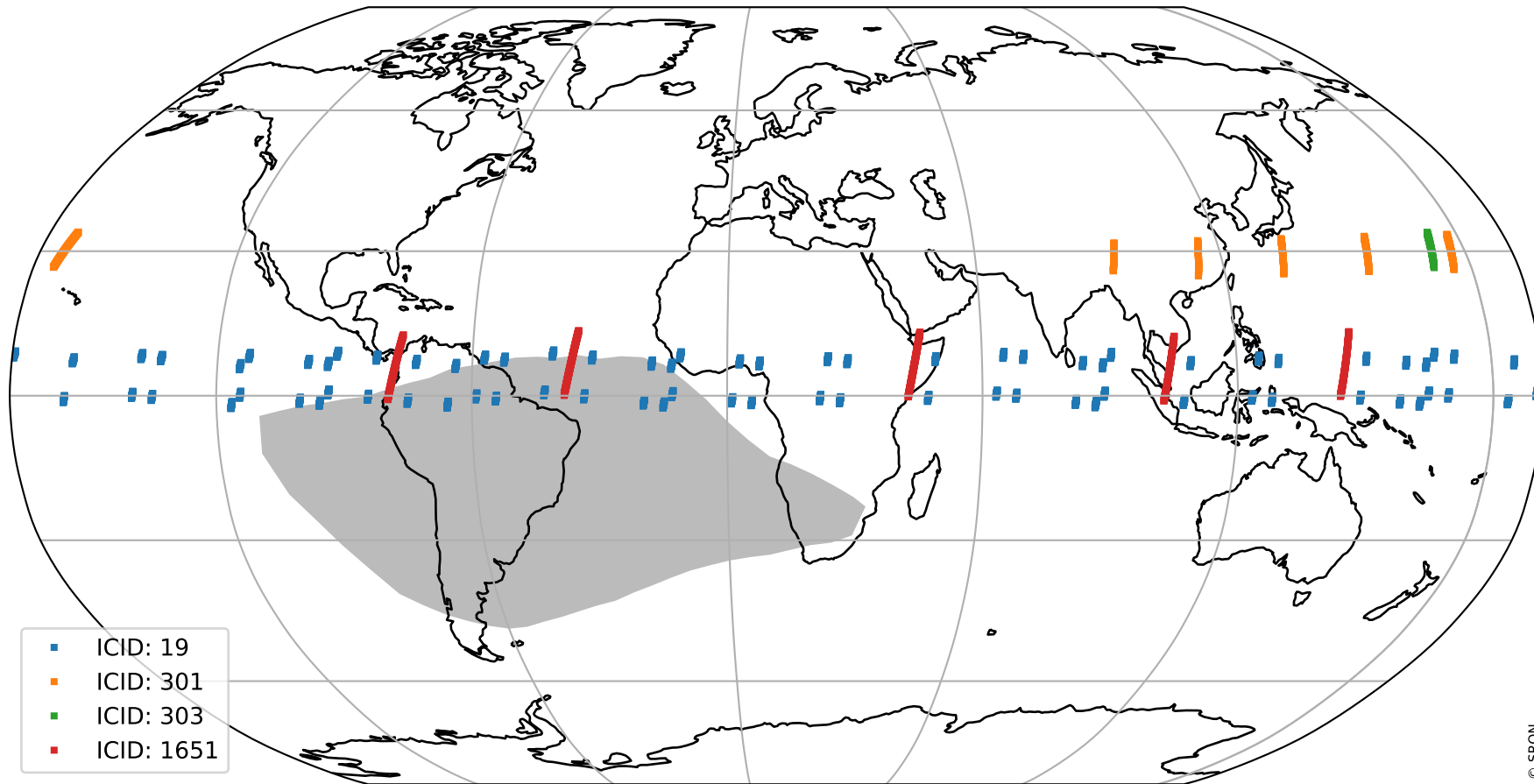
Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
median : 0.98324
spread : 0.16745
created : 2023-08-21T15:27:15



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

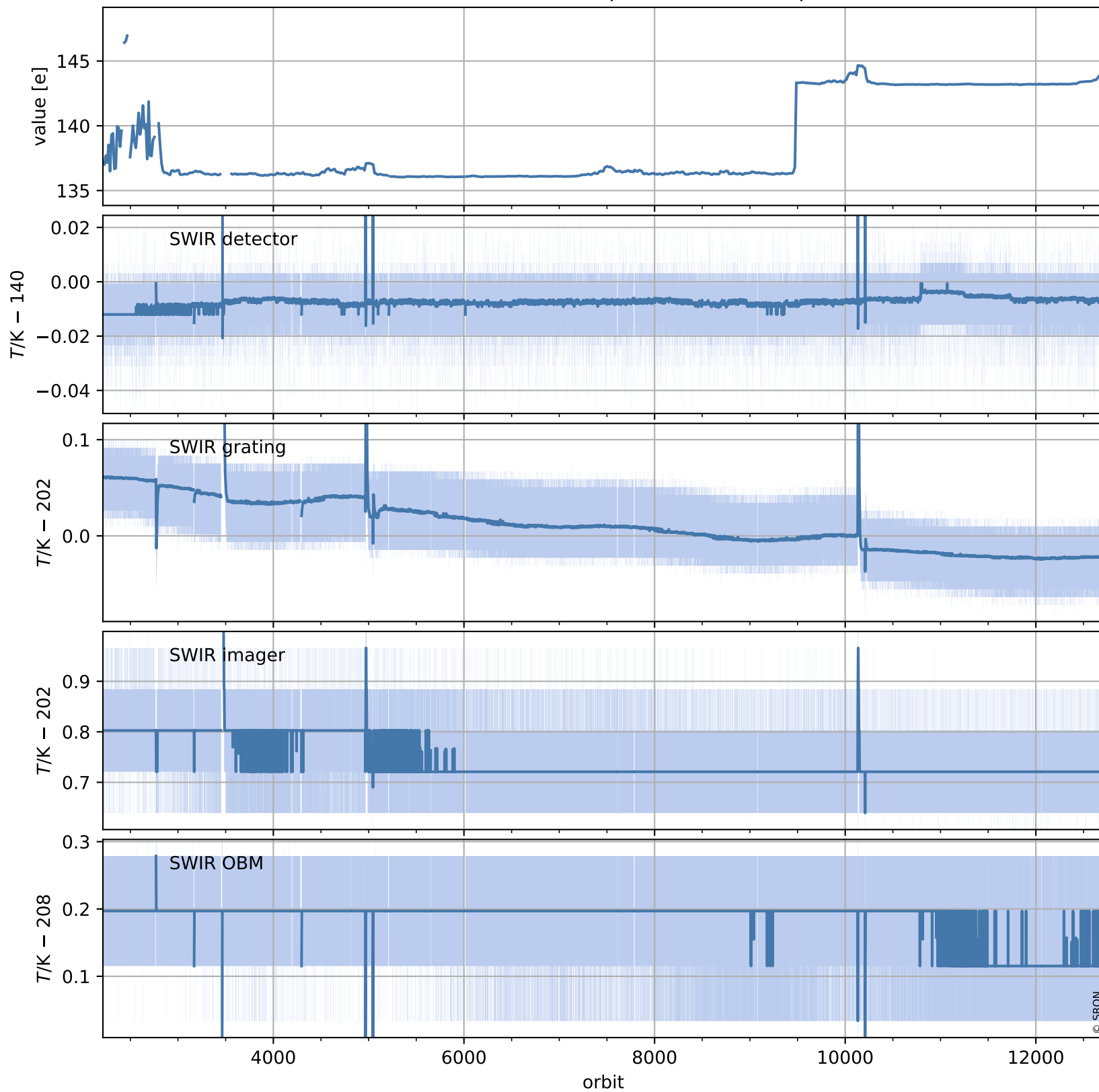
orbits : 12 in [12637, 12712]
coverage : 2020-03-21 / 2020-03-26
created : 2023-08-21T15:27:15



Tropomi SWIR background noise (swir)

orbits : [2212, 12712]
coverage : 2018-03-18 / 2020-03-26
created : 2023-08-21T15:27:15

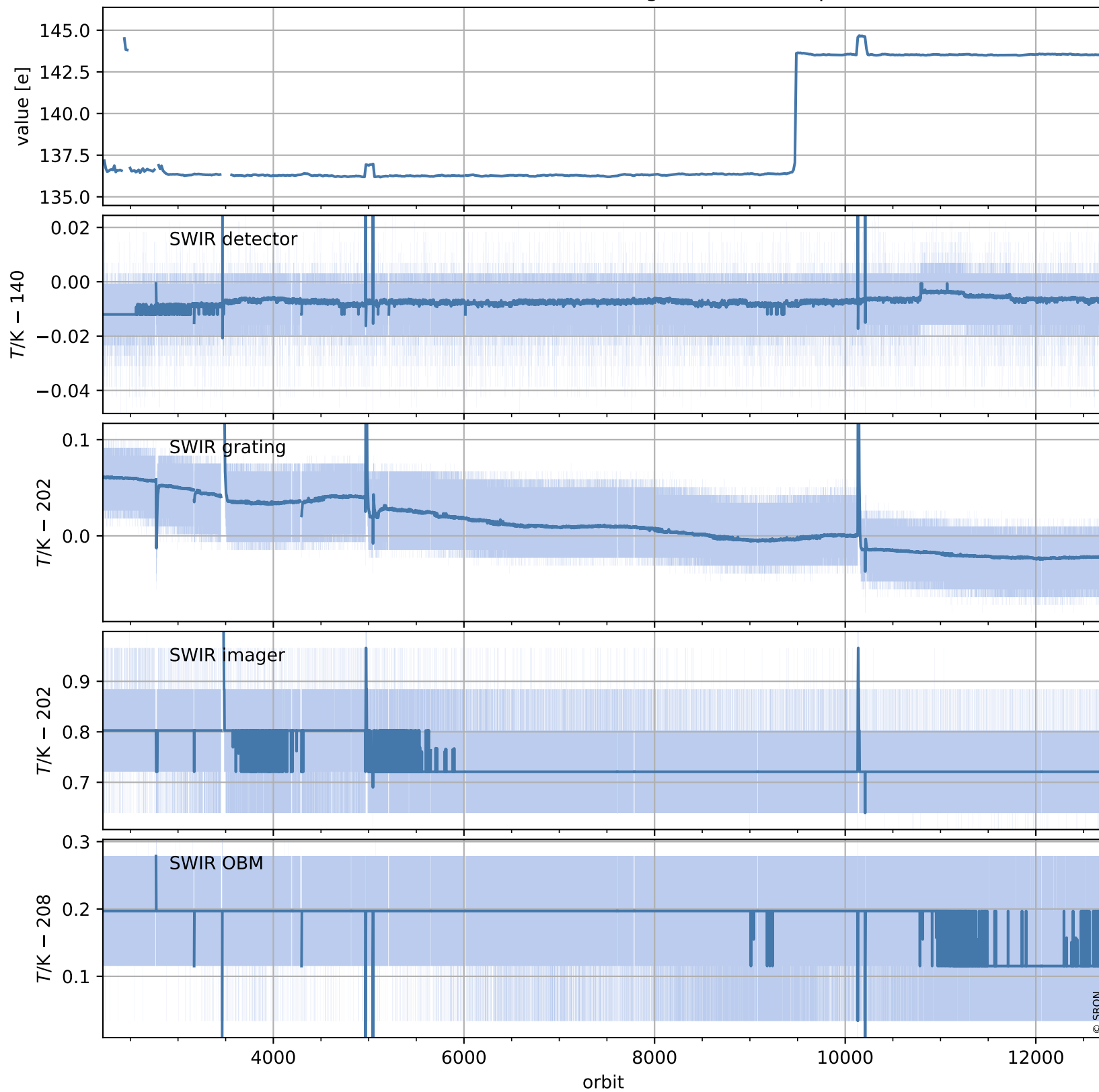
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12712]
coverage : 2018-03-18 / 2020-03-26
created : 2023-08-21T15:27:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12712]
coverage : 2018-03-18 / 2020-03-26
created : 2023-08-21T15:27:17

trend of normalized read-noise & temperatures

