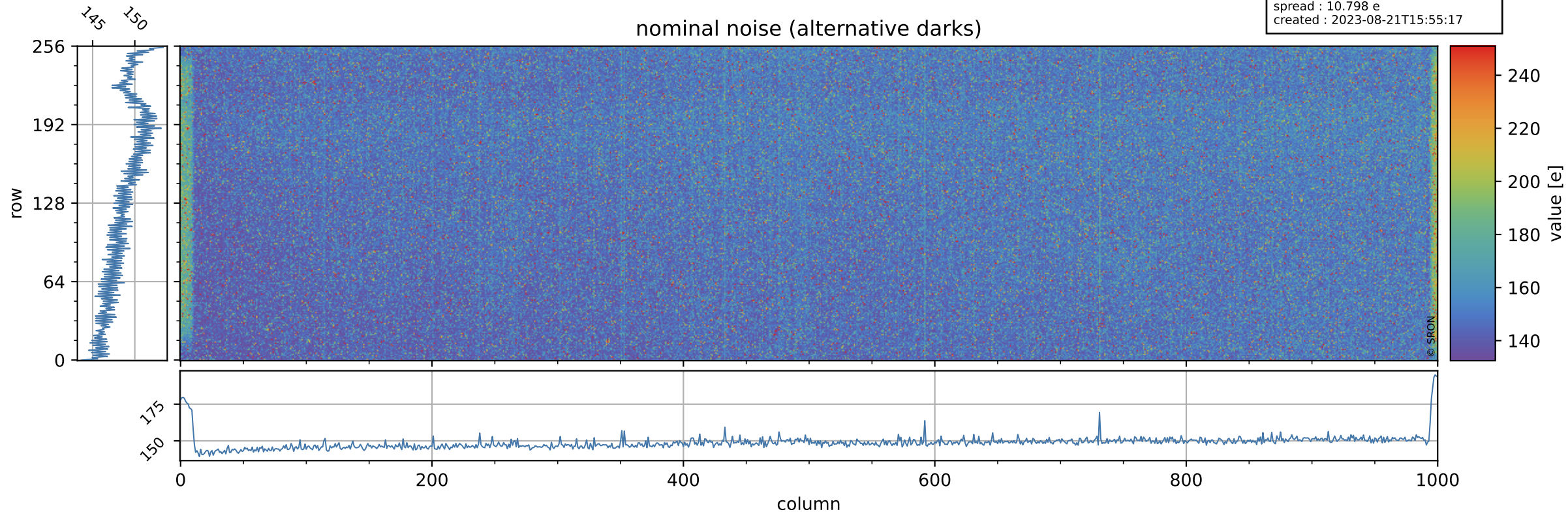


Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.798 e
created : 2023-08-21T15:55:17

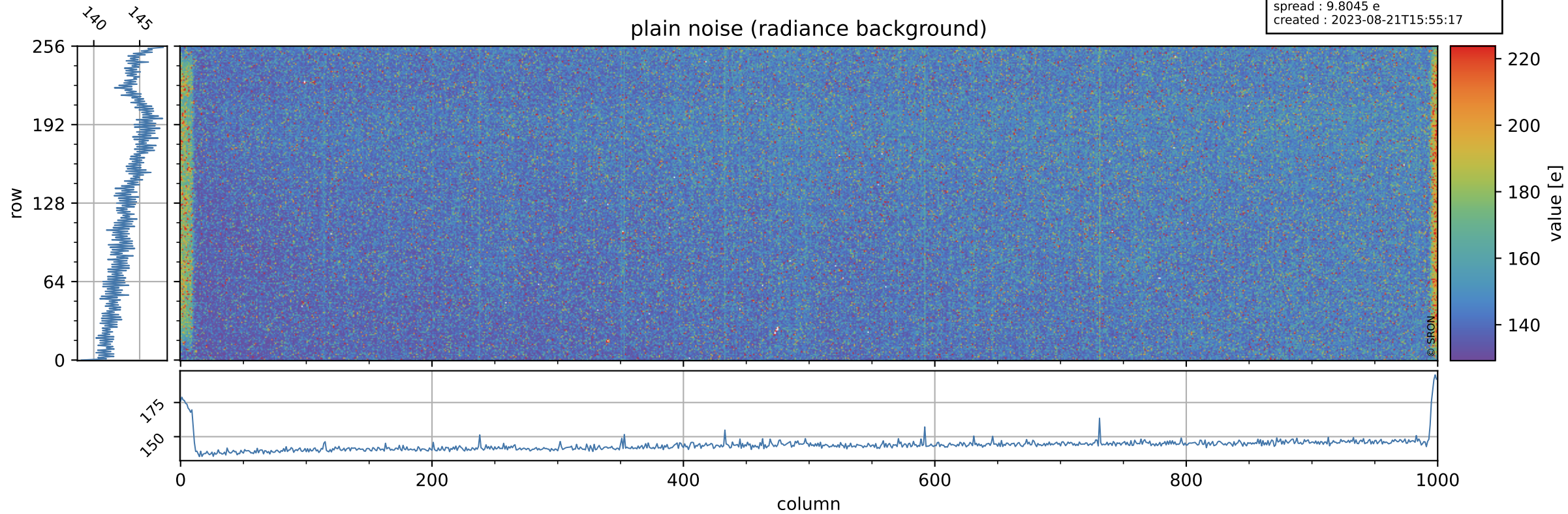
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.8045 e
created : 2023-08-21T15:55:17

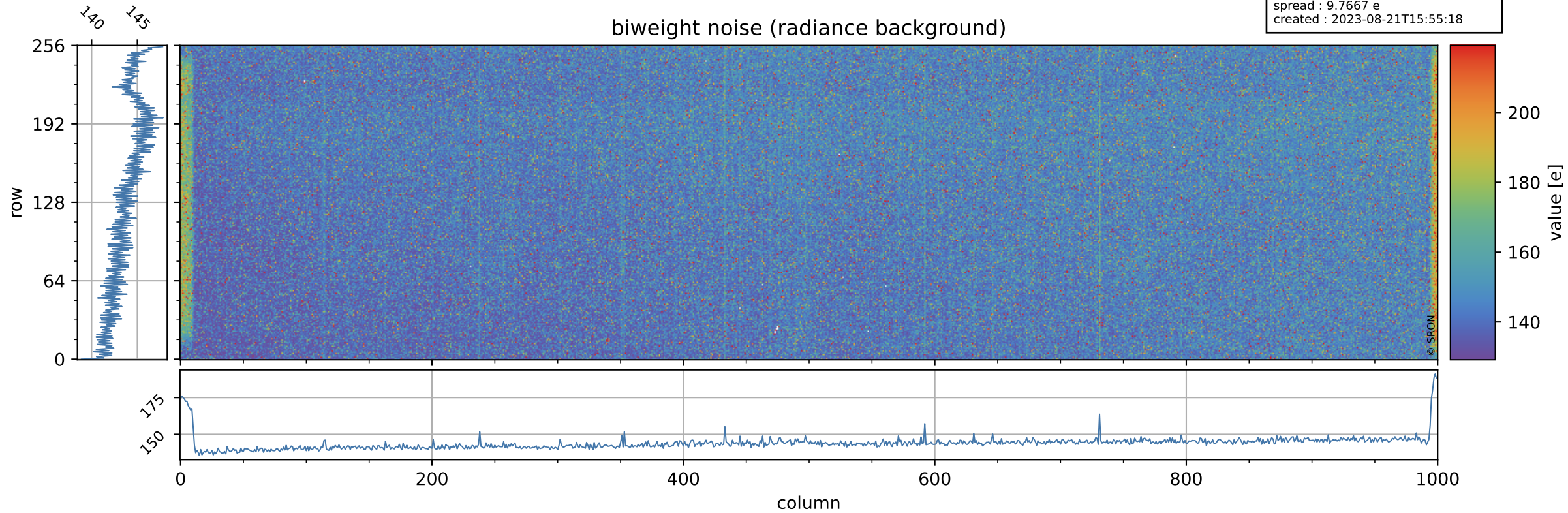
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7667 e
created : 2023-08-21T15:55:18

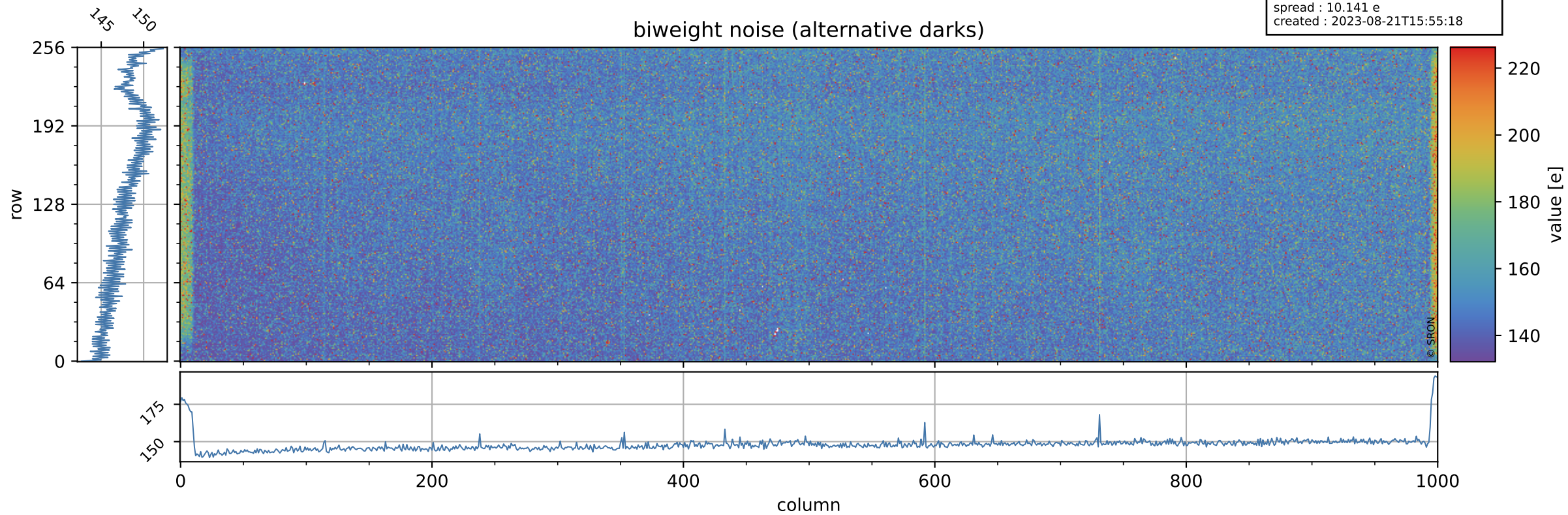
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.141 e
created : 2023-08-21T15:55:18

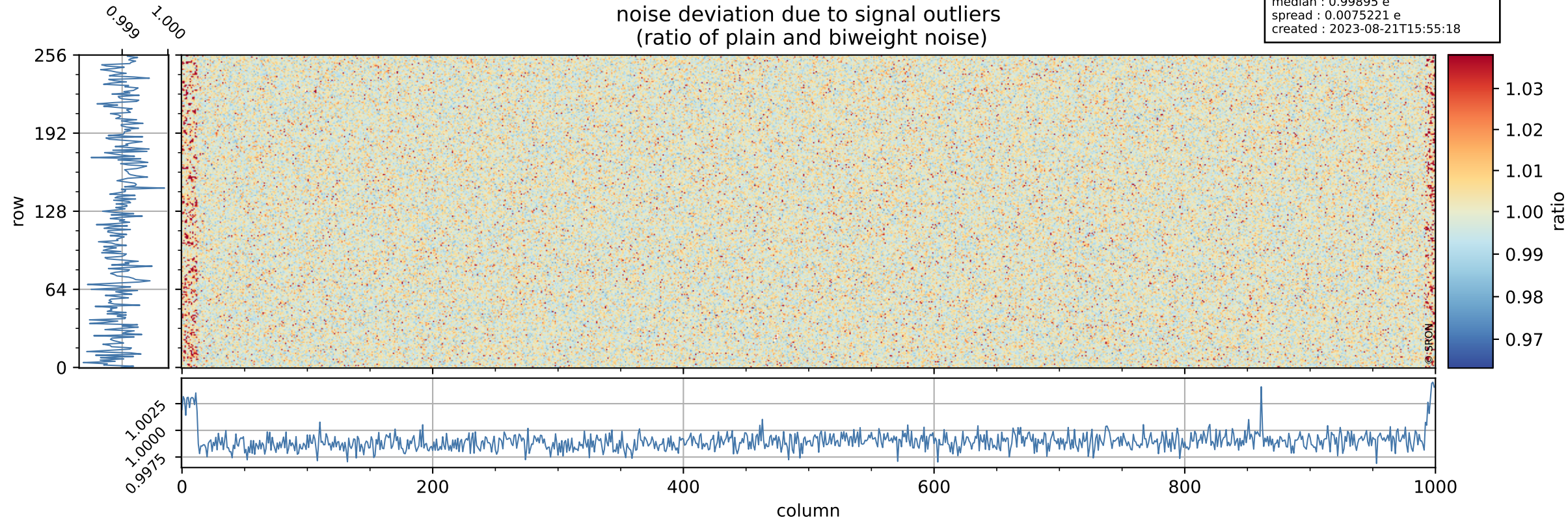
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

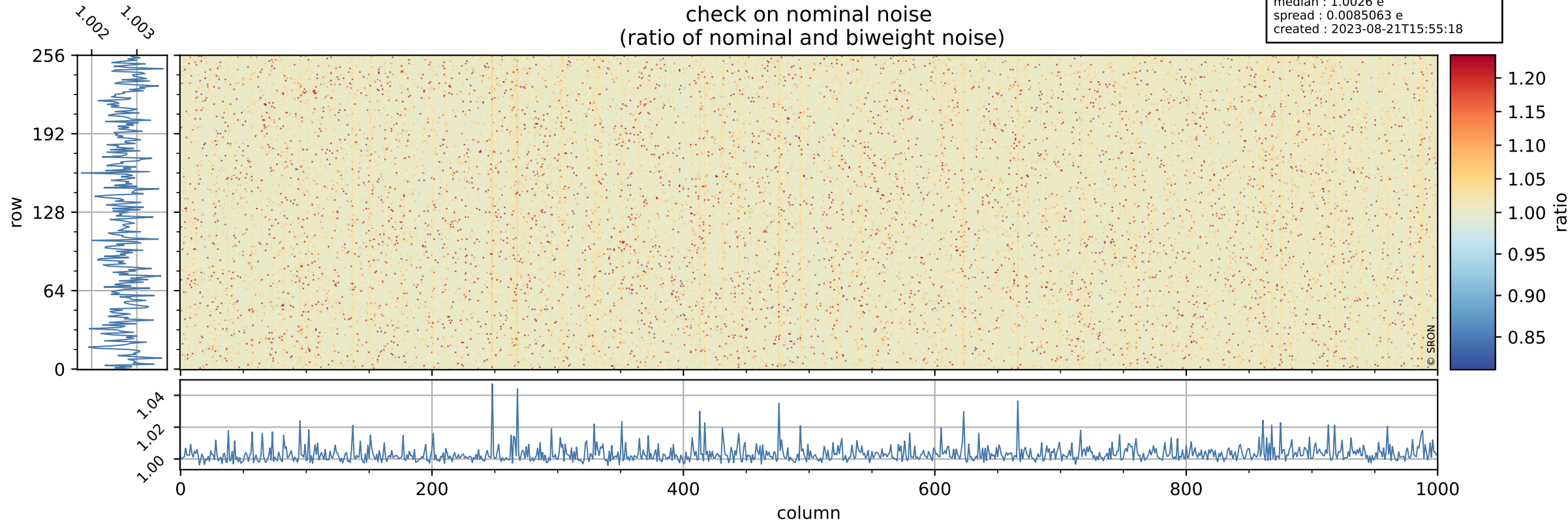
orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
median : 0.99895 e
spread : 0.0075221 e
created : 2023-08-21T15:55:18



Tropomi SWIR background noise (swir)

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

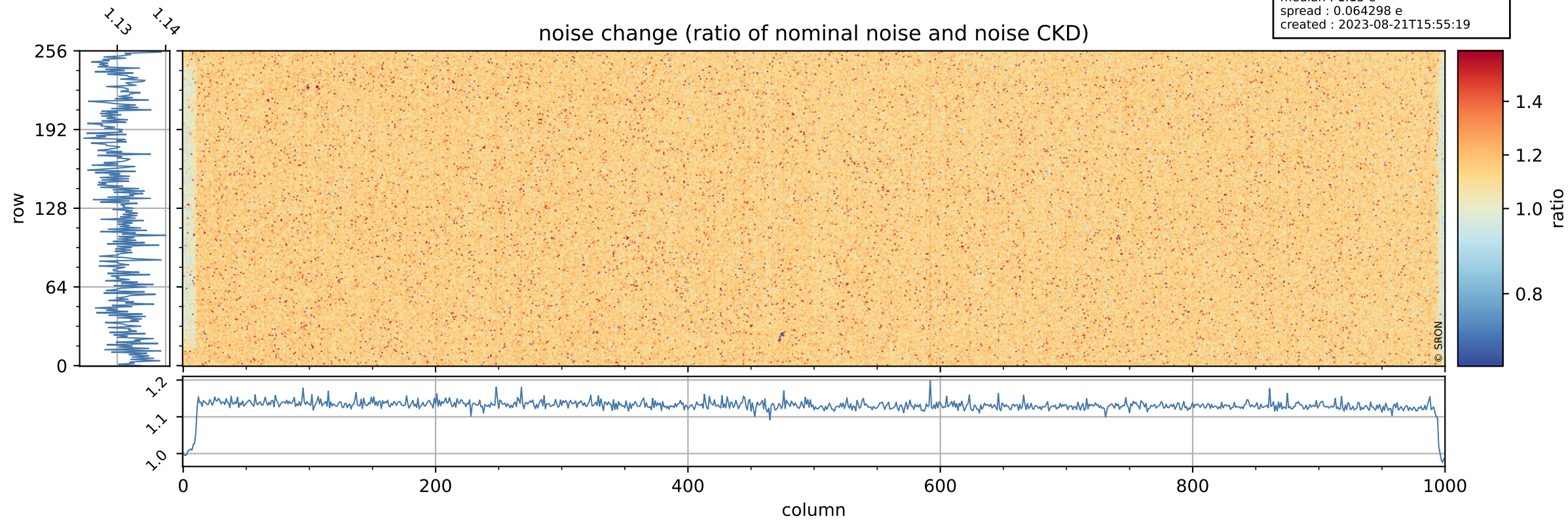
orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
median : 1.0026 e
spread : 0.0085063 e
created : 2023-08-21T15:55:18



Tropomi SWIR background noise (swir)

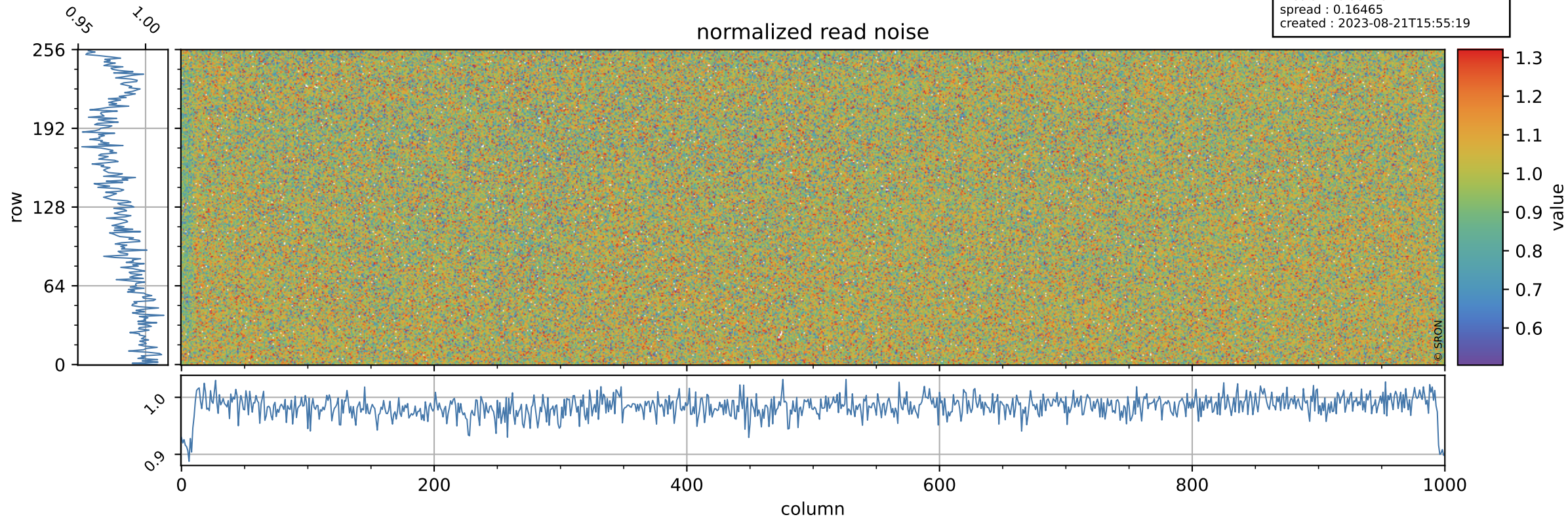
orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
median : 1.13 e
spread : 0.064298 e
created : 2023-08-21T15:55:19

noise change (ratio of nominal noise and noise CKD)



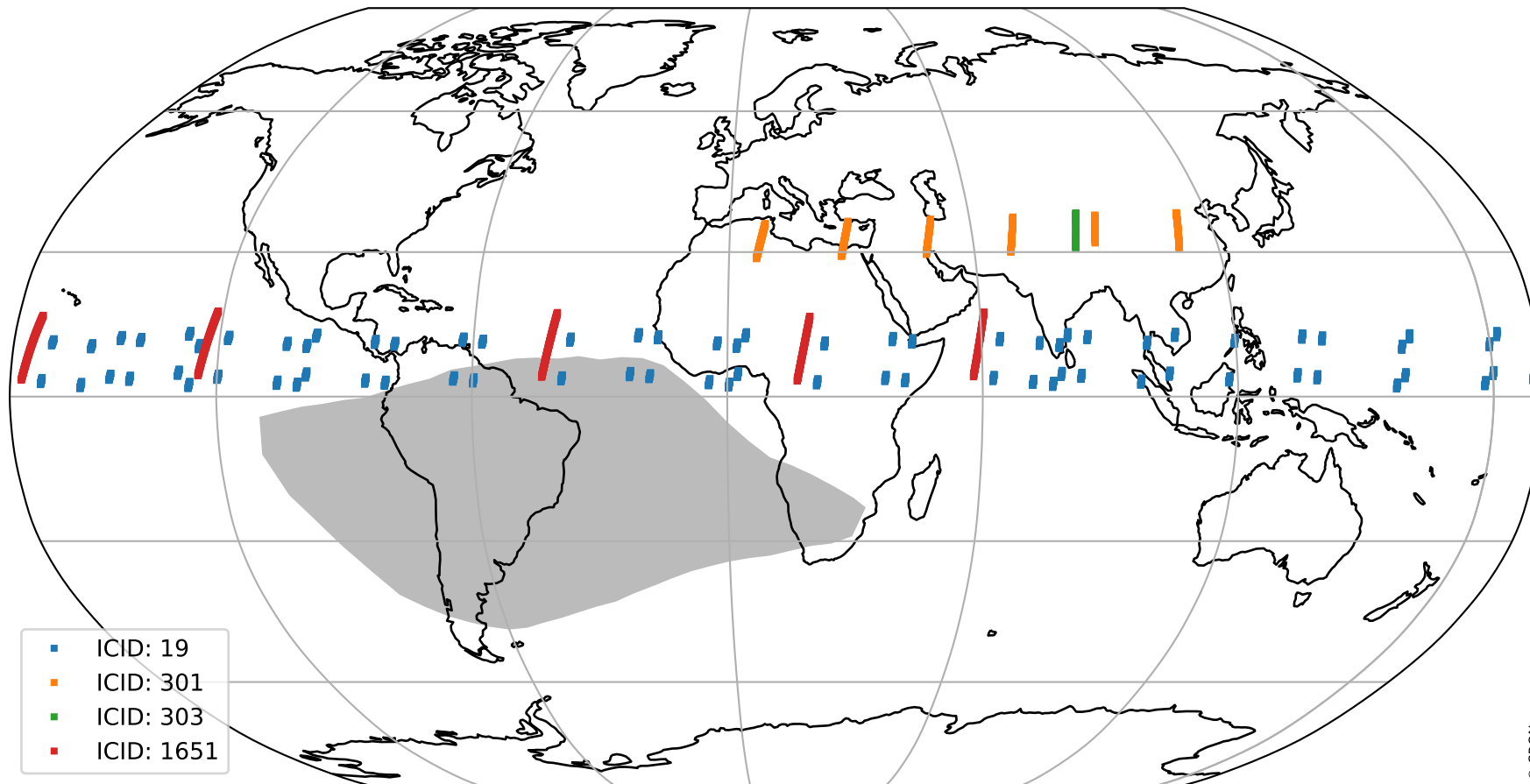
Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
median : 0.98246
spread : 0.16465
created : 2023-08-21T15:55:19



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

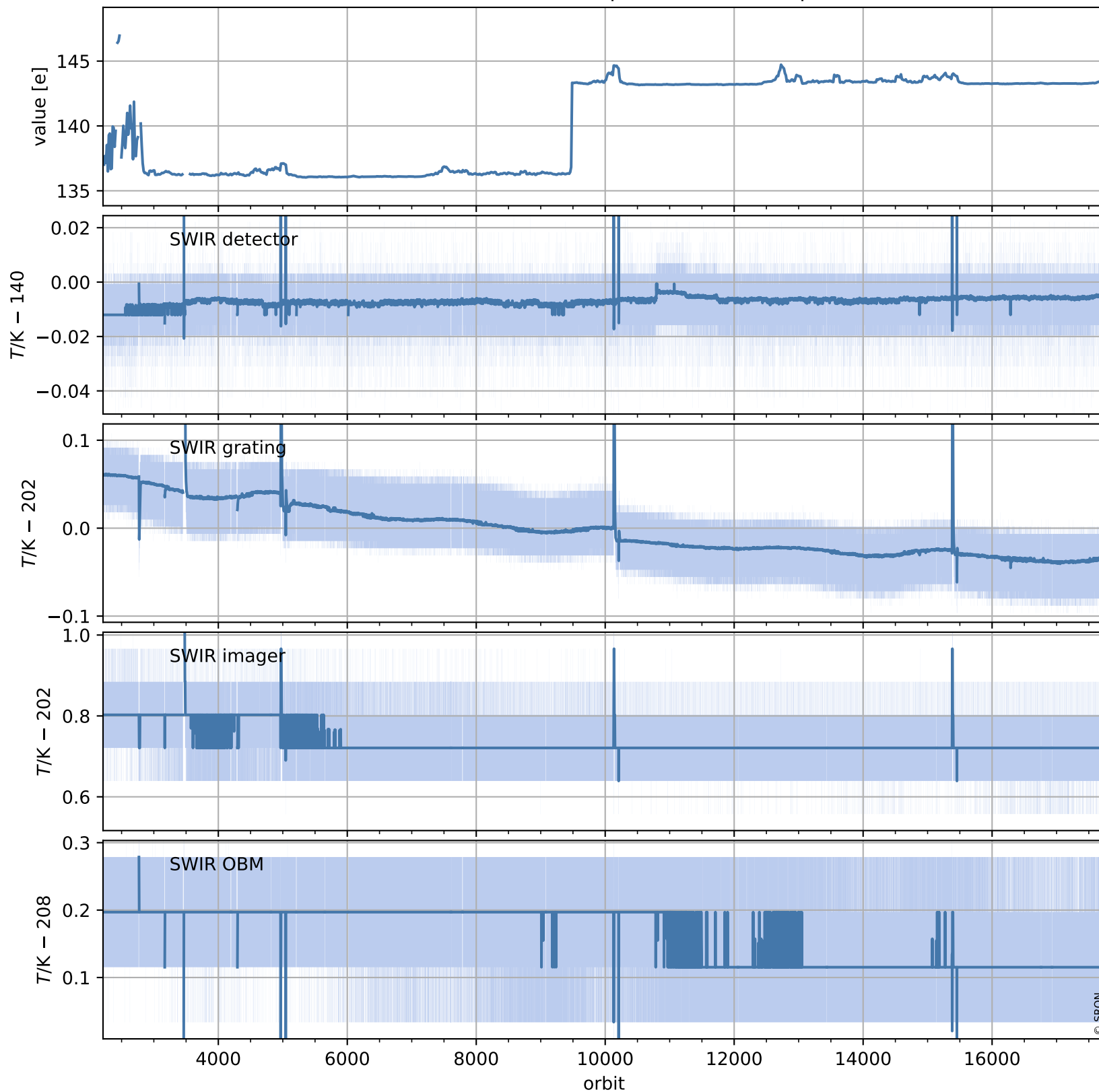
orbits : 12 in [17677, 17752]
coverage : 2021-03-11 / 2021-03-17
created : 2023-08-21T15:55:19



Tropomi SWIR background noise (swir)

orbits : [2212, 17752]
coverage : 2018-03-18 / 2021-03-17
created : 2023-08-21T15:55:20

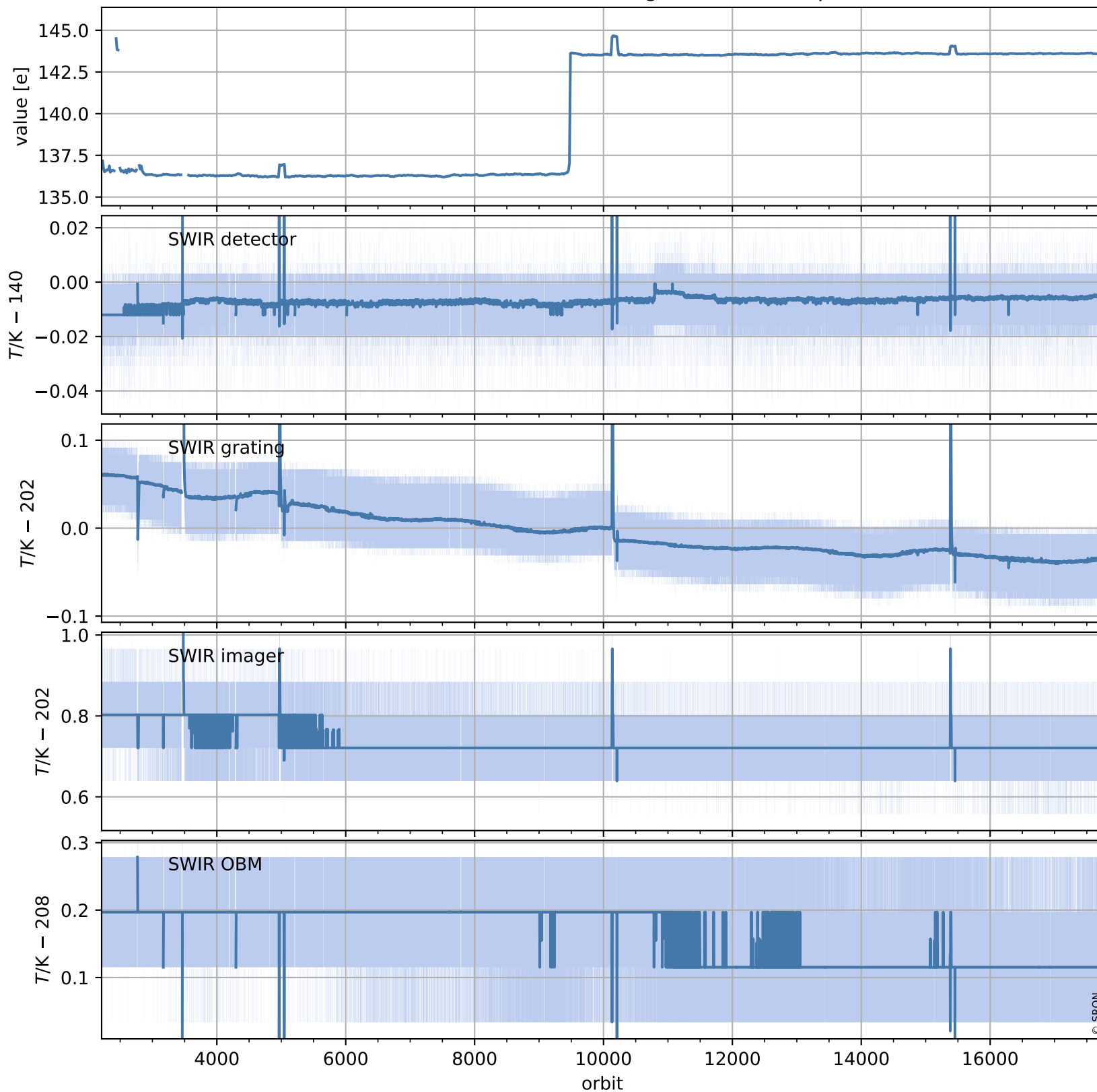
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17752]
coverage : 2018-03-18 / 2021-03-17
created : 2023-08-21T15:55:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17752]
coverage : 2018-03-18 / 2021-03-17
created : 2023-08-21T15:55:21

trend of normalized read-noise & temperatures

