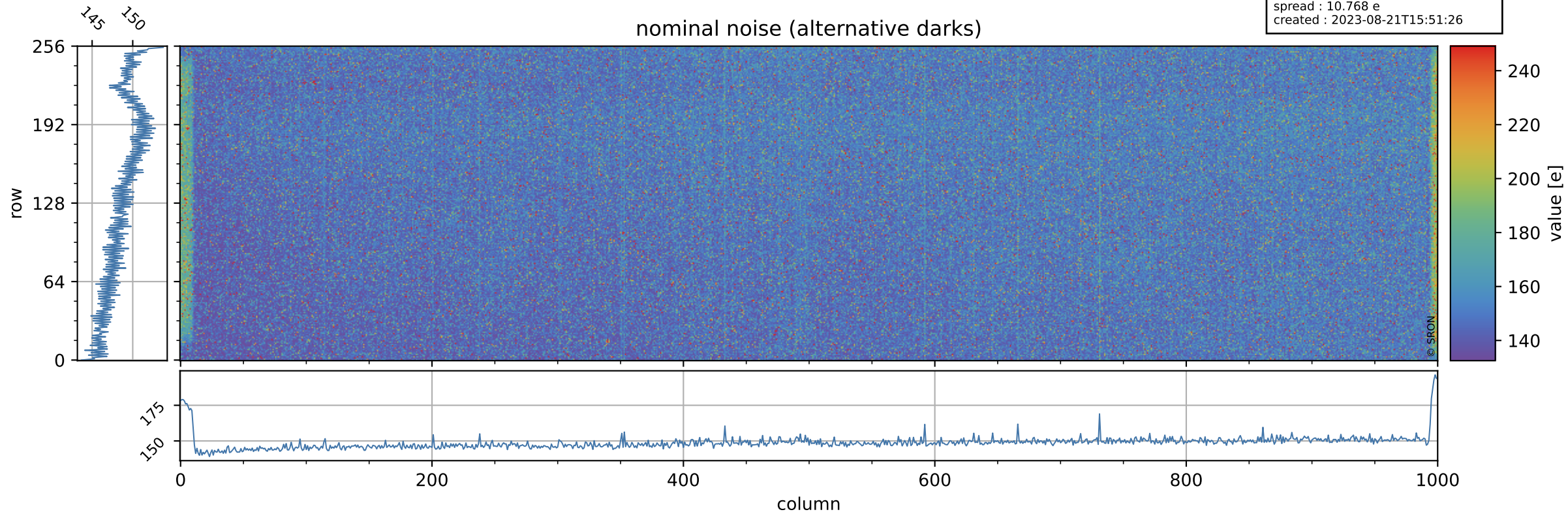


Tropomi SWIR background noise (swir)

orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.768 e
created : 2023-08-21T15:51:26

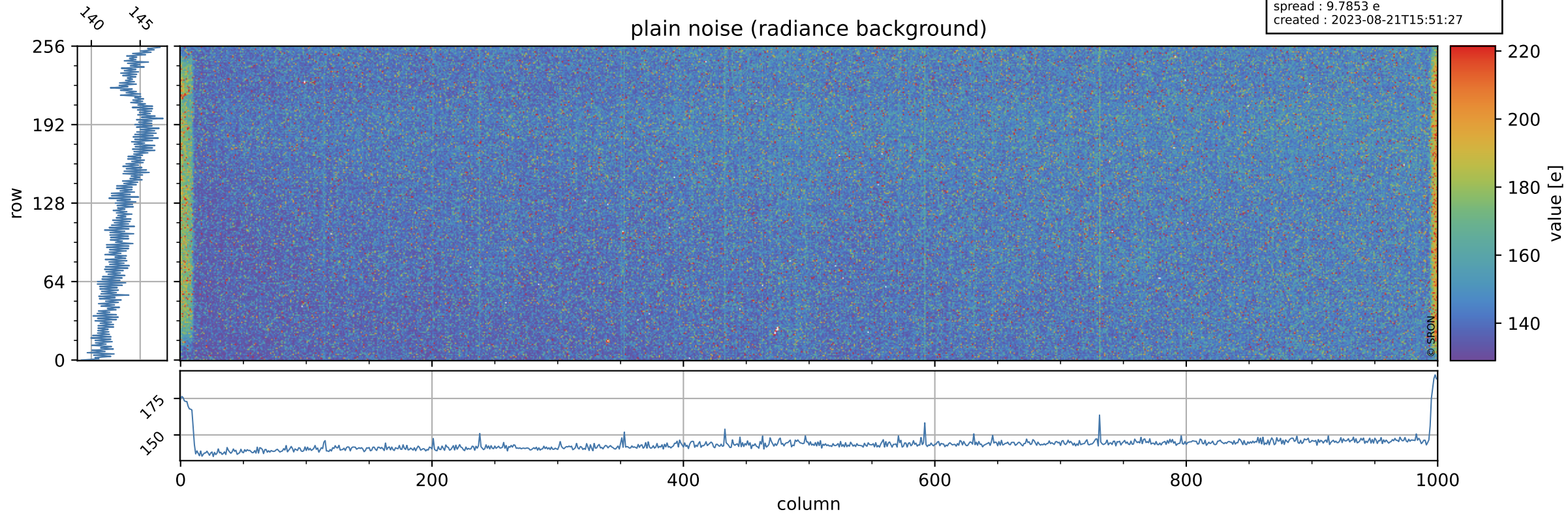
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7853 e
created : 2023-08-21T15:51:27

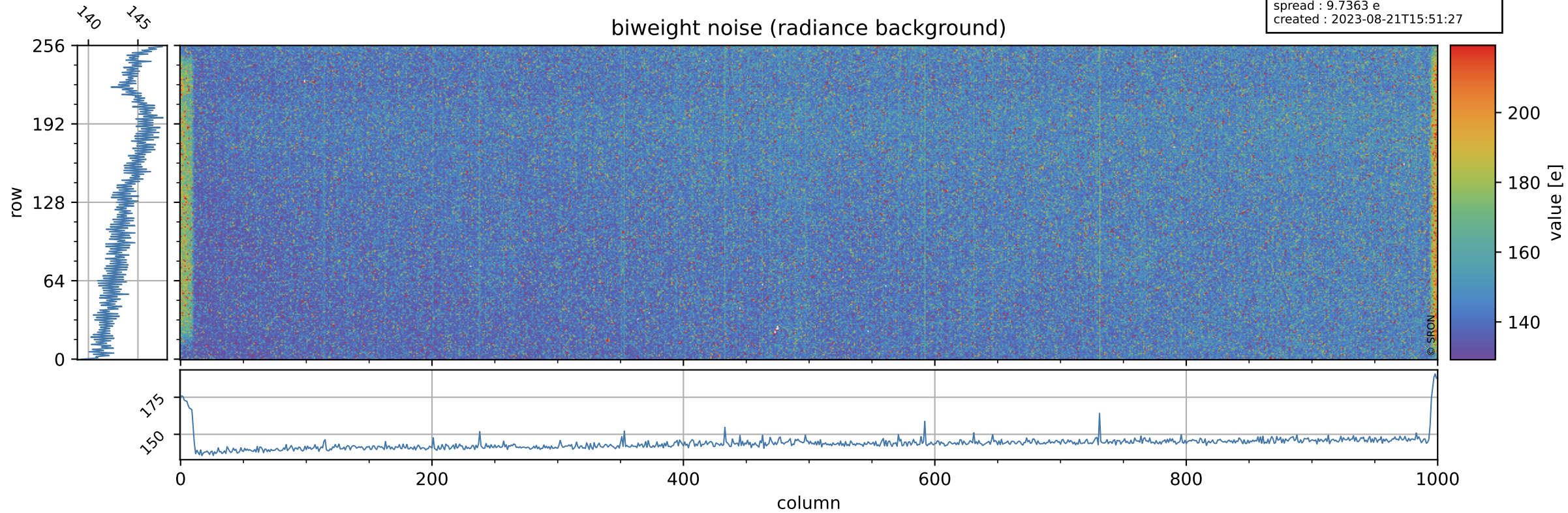
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7363 e
created : 2023-08-21T15:51:27

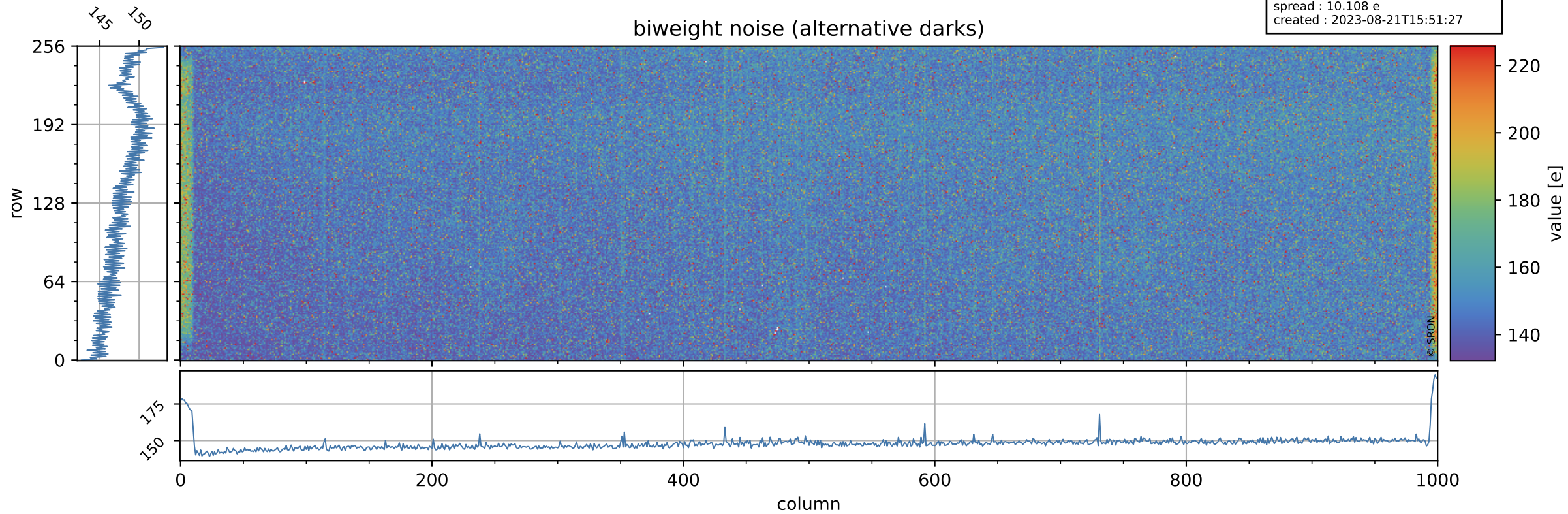
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.108 e
created : 2023-08-21T15:51:27

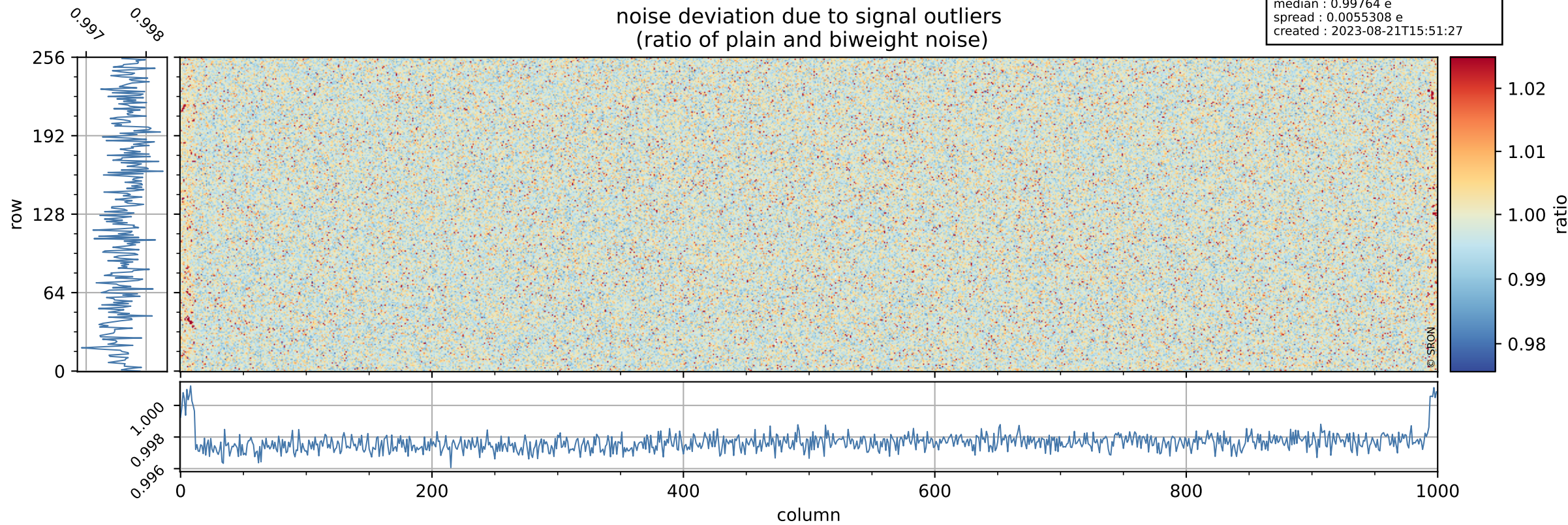
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

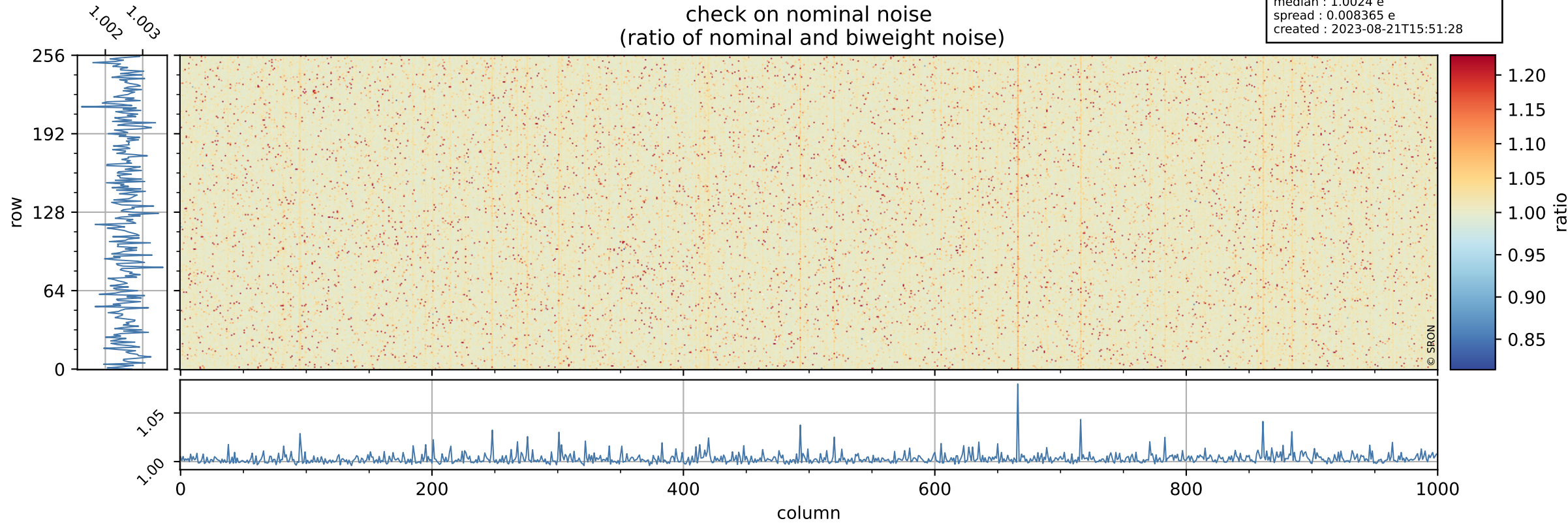
orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
median : 0.99764 e
spread : 0.0055308 e
created : 2023-08-21T15:51:27



Tropomi SWIR background noise (swir)

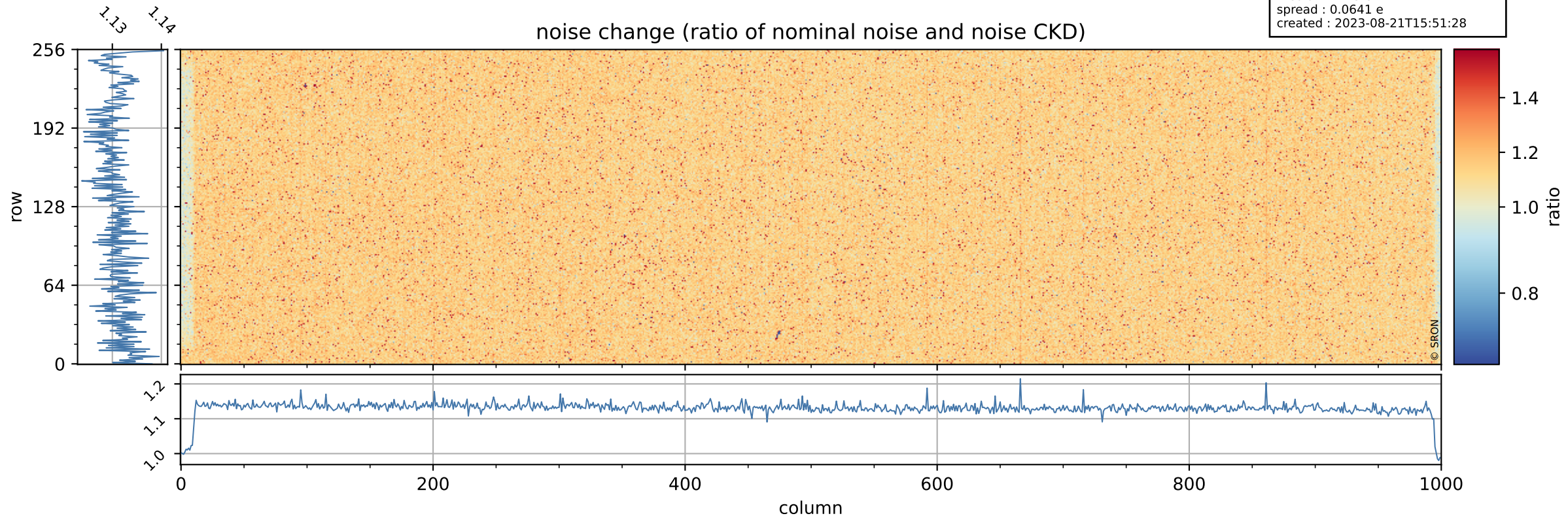
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
median : 1.0024 e
spread : 0.008365 e
created : 2023-08-21T15:51:28



Tropomi SWIR background noise (swir)

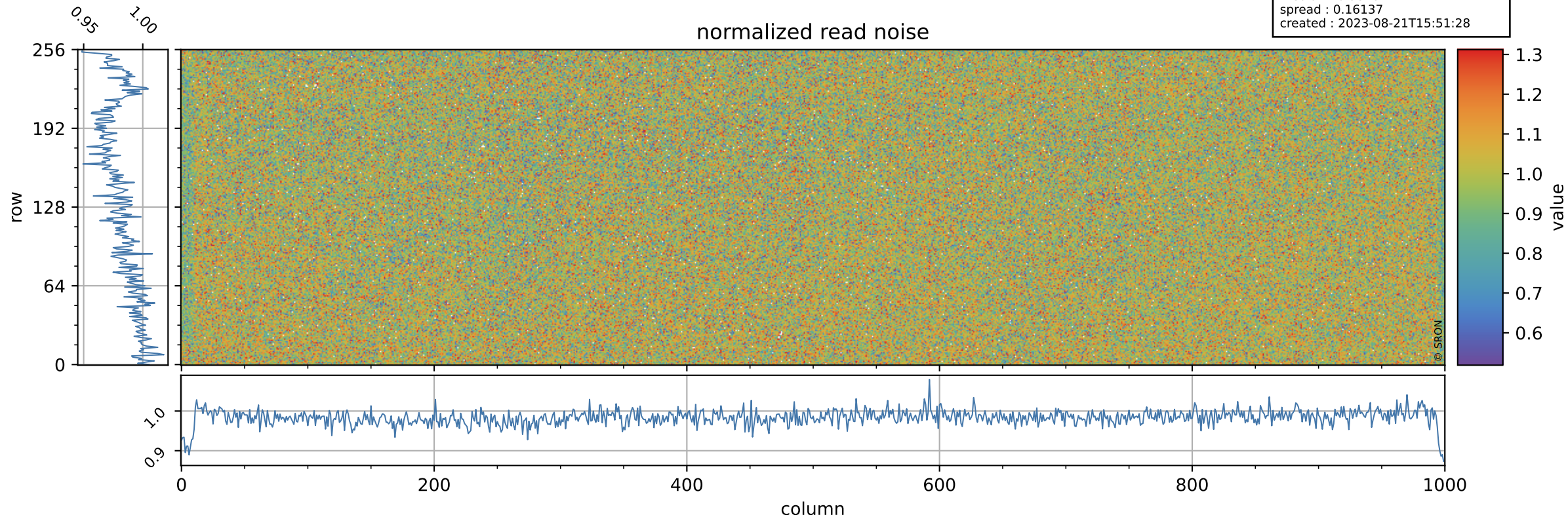
orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
median : 1.13 e
spread : 0.0641 e
created : 2023-08-21T15:51:28



Tropomi SWIR background noise (swir)

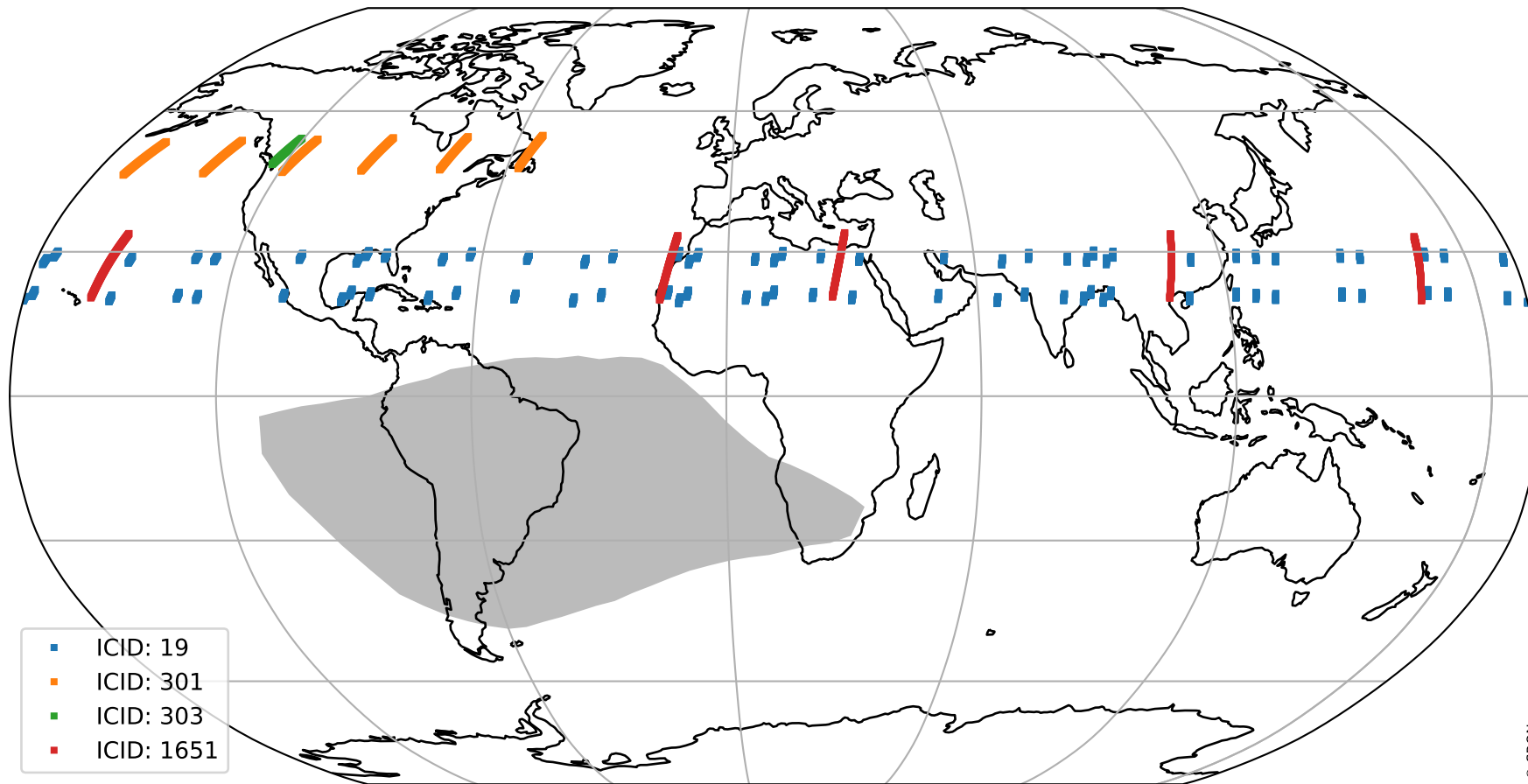
orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
median : 0.98201
spread : 0.16137
created : 2023-08-21T15:51:28

normalized read noise



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

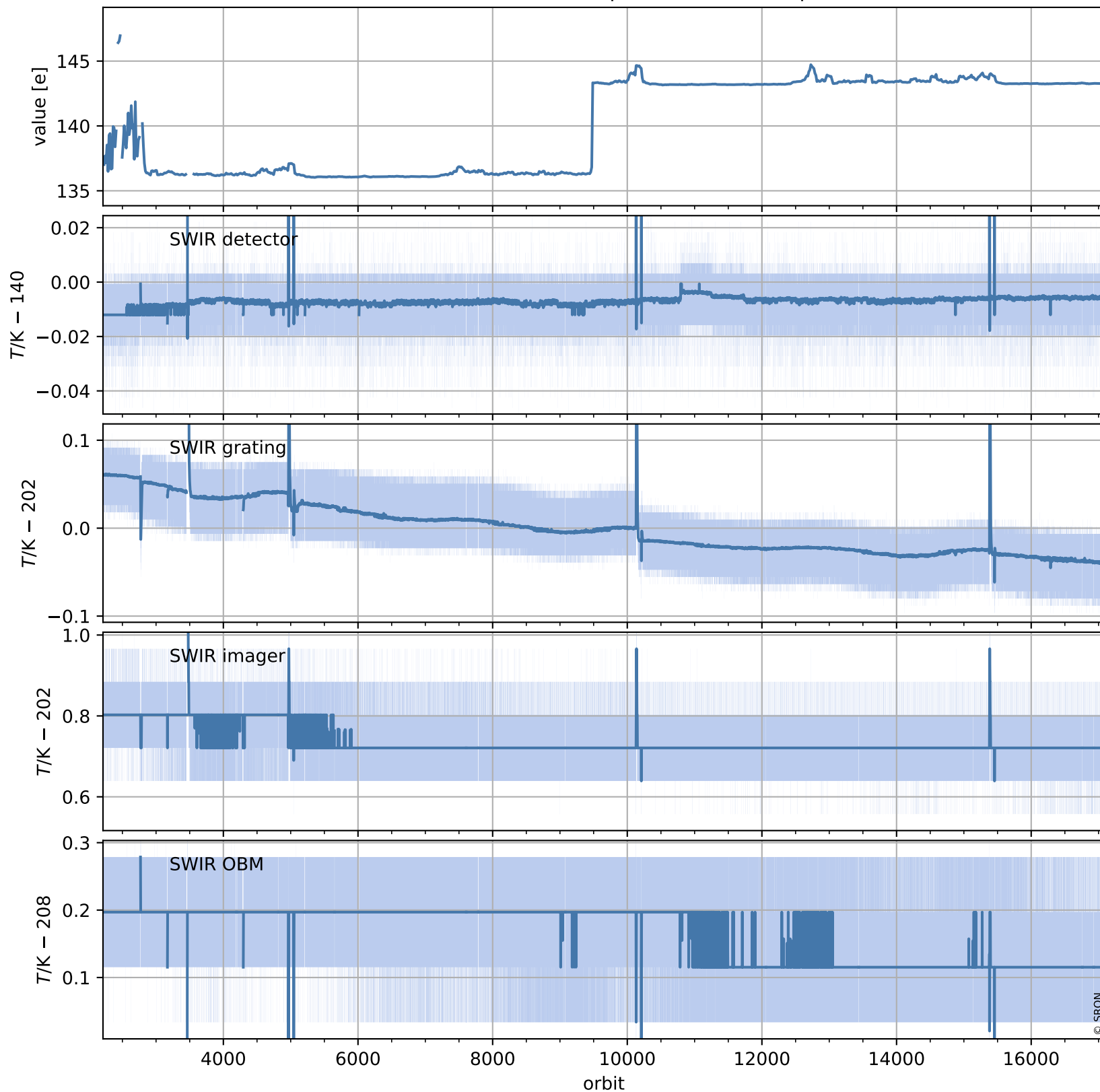
orbits : 12 in [17002, 17092]
coverage : 2021-01-24 / 2021-01-29
created : 2023-08-21T15:51:29



Tropomi SWIR background noise (swir)

orbits : [2212, 17092]
coverage : 2018-03-18 / 2021-01-29
created : 2023-08-21T15:51:29

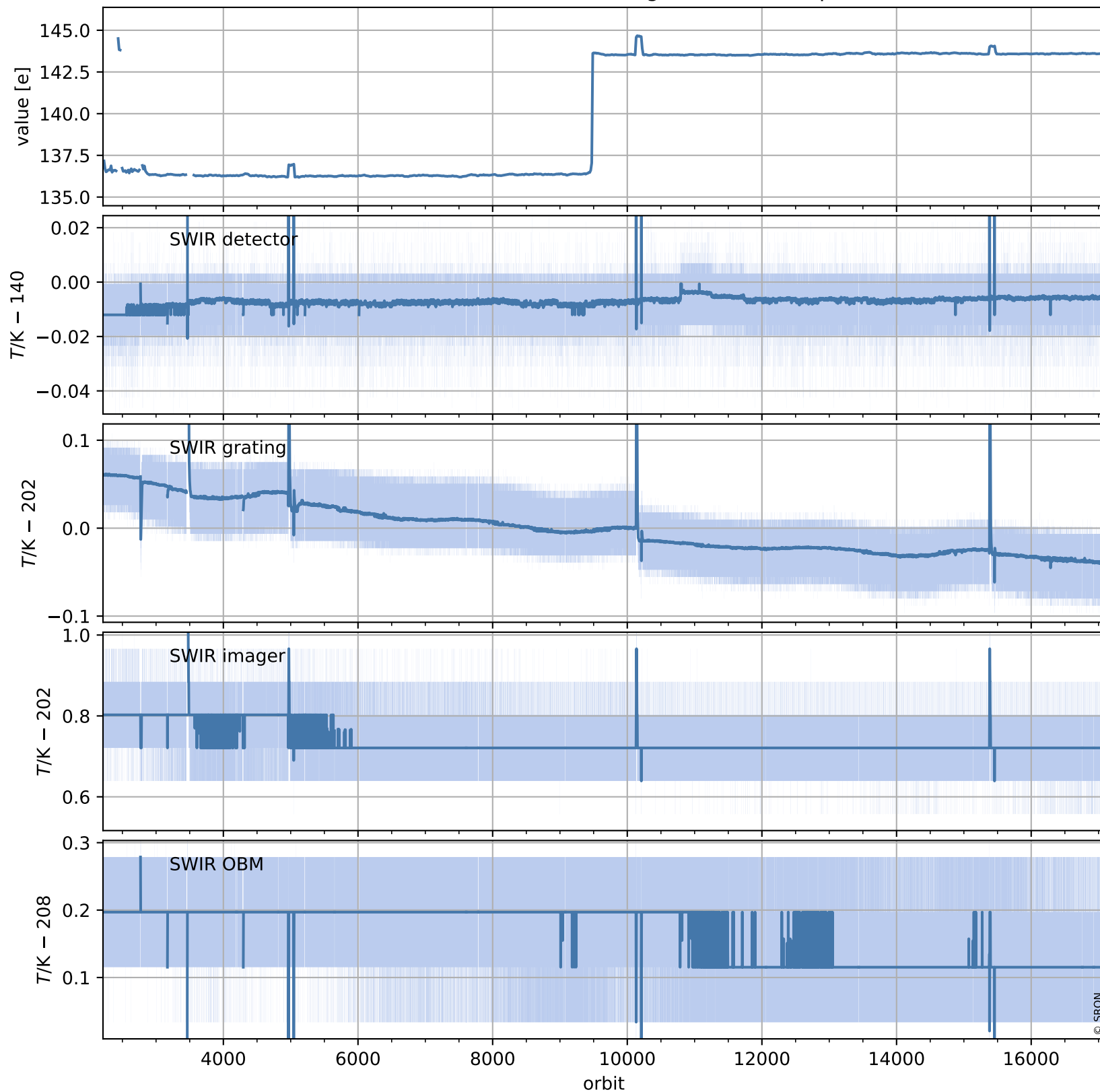
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17092]
coverage : 2018-03-18 / 2021-01-29
created : 2023-08-21T15:51:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17092]
coverage : 2018-03-18 / 2021-01-29
created : 2023-08-21T15:51:30

trend of normalized read-noise & temperatures

