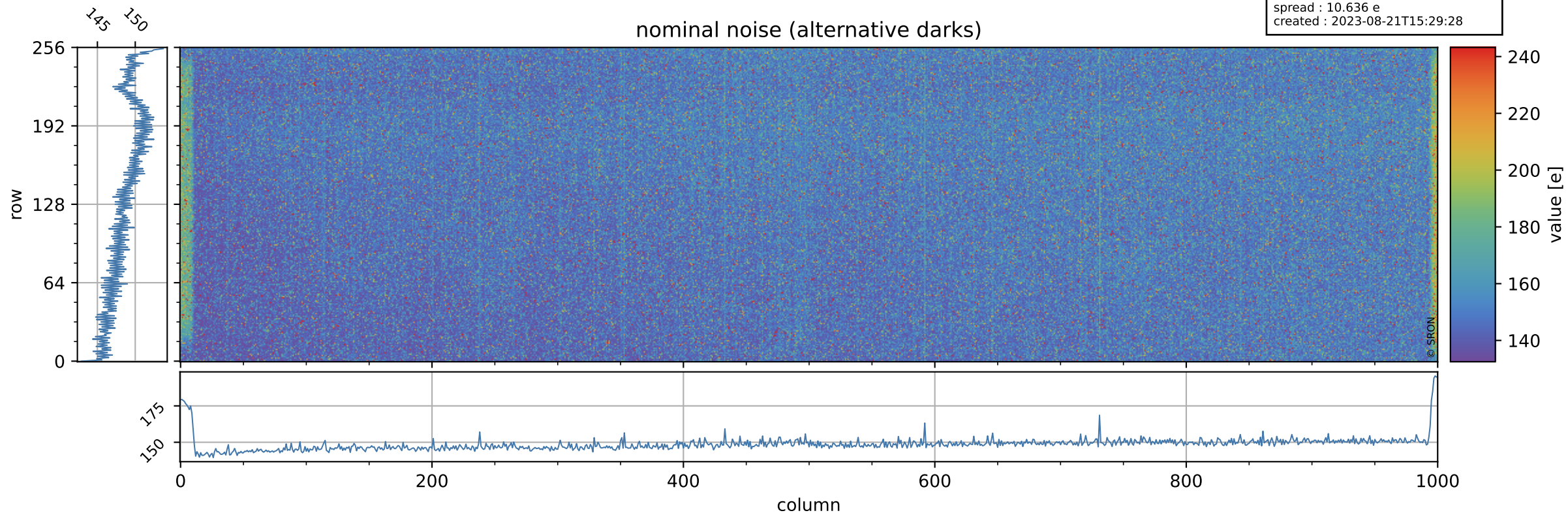


Tropomi SWIR background noise (swir)

orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.636 e
created : 2023-08-21T15:29:28

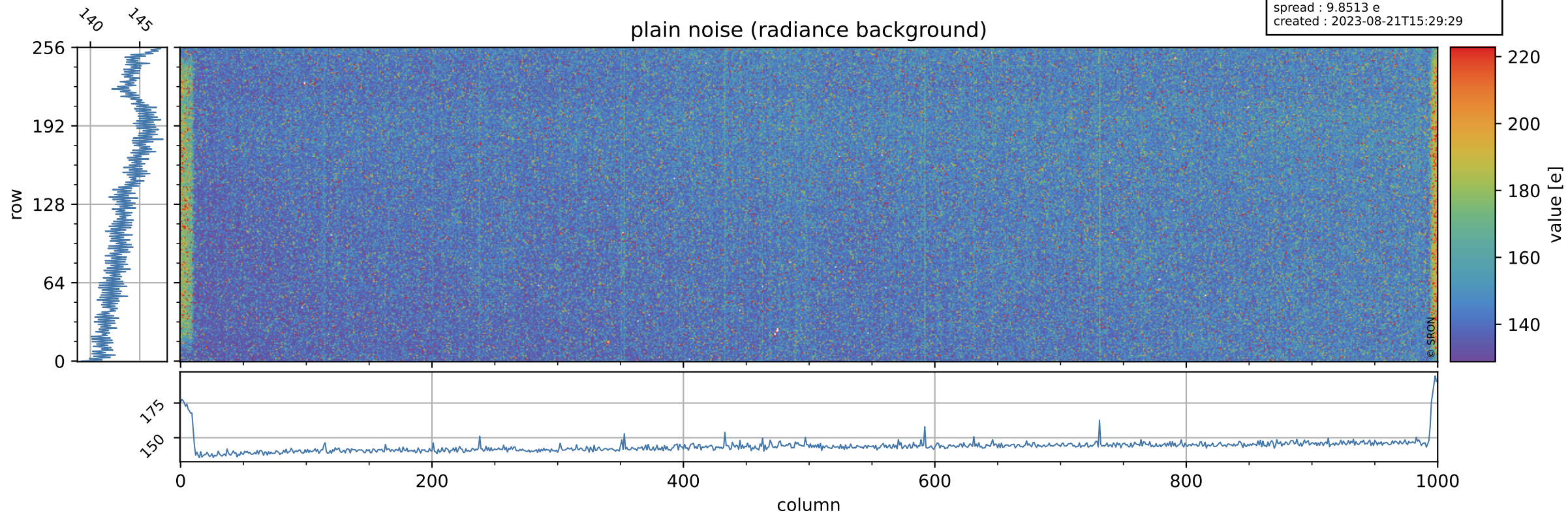
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8513 e
created : 2023-08-21T15:29:29

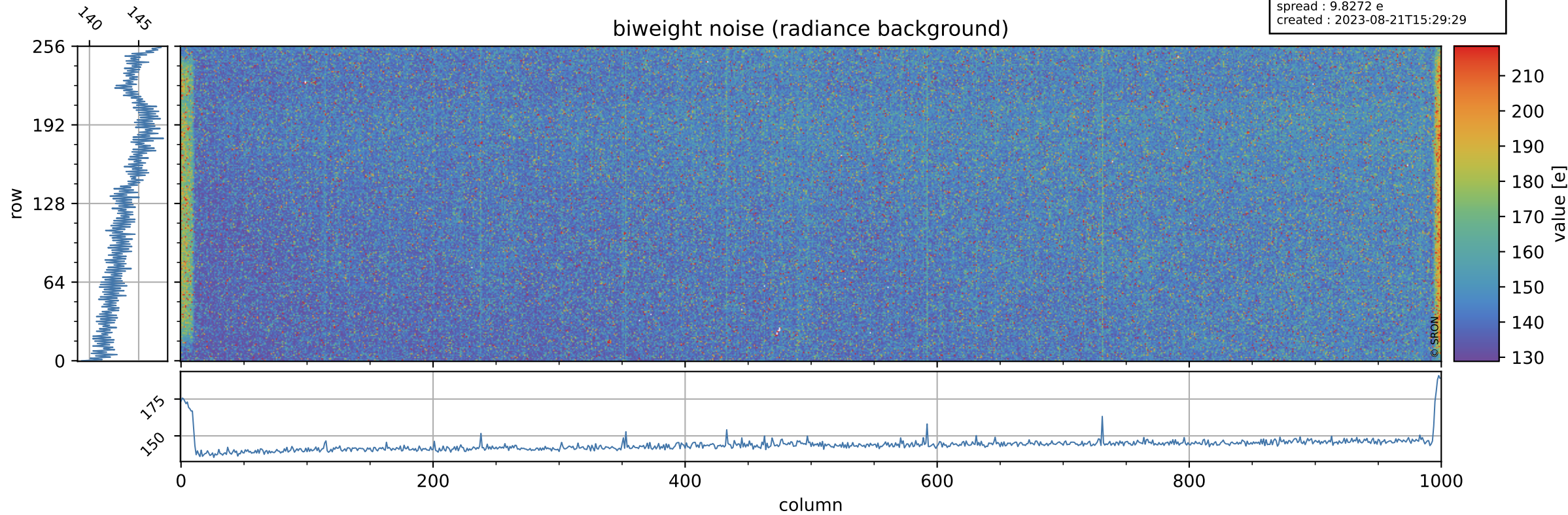
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8272 e
created : 2023-08-21T15:29:29

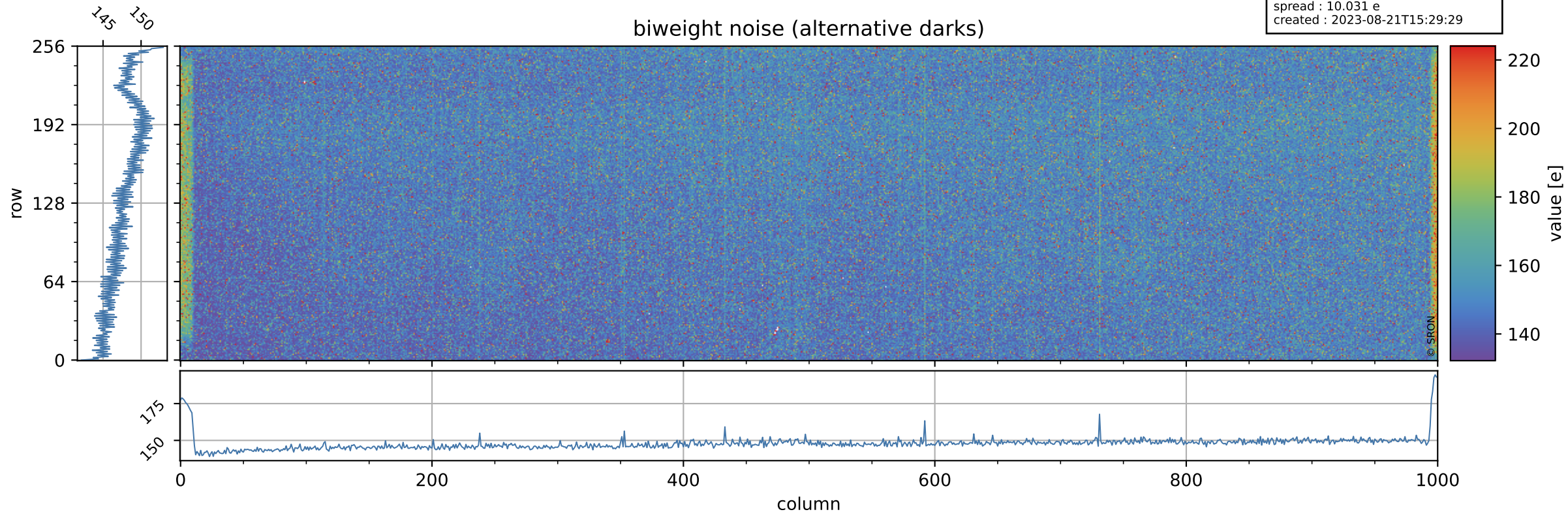
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.031 e
created : 2023-08-21T15:29:29

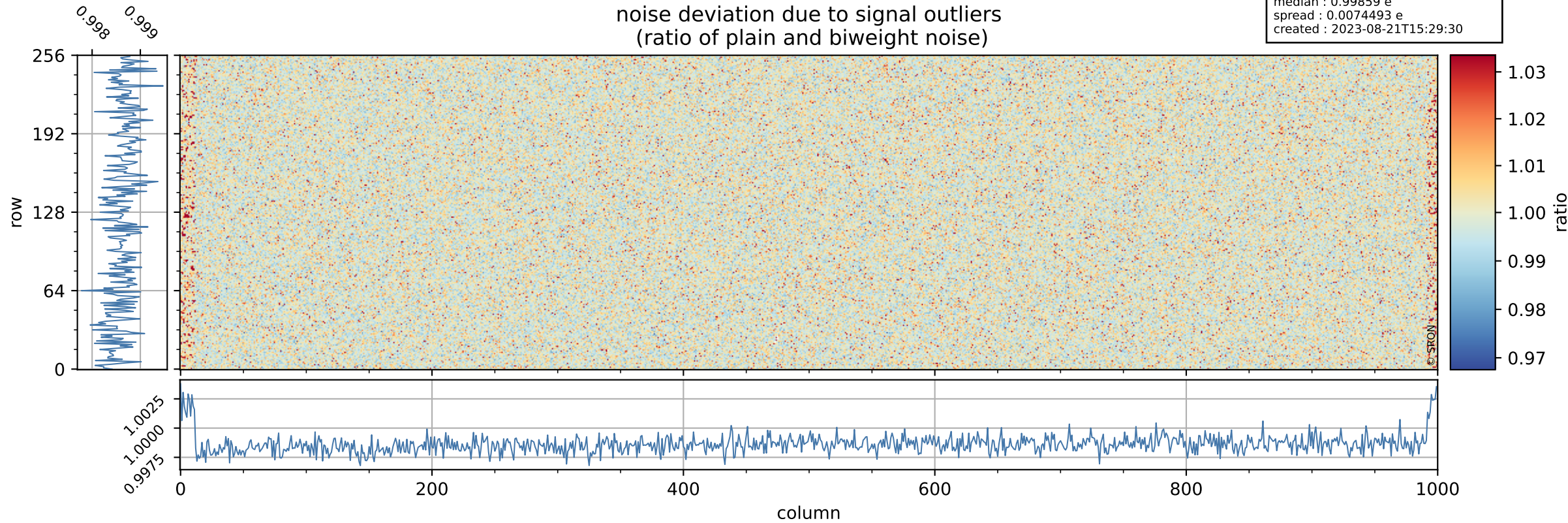
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

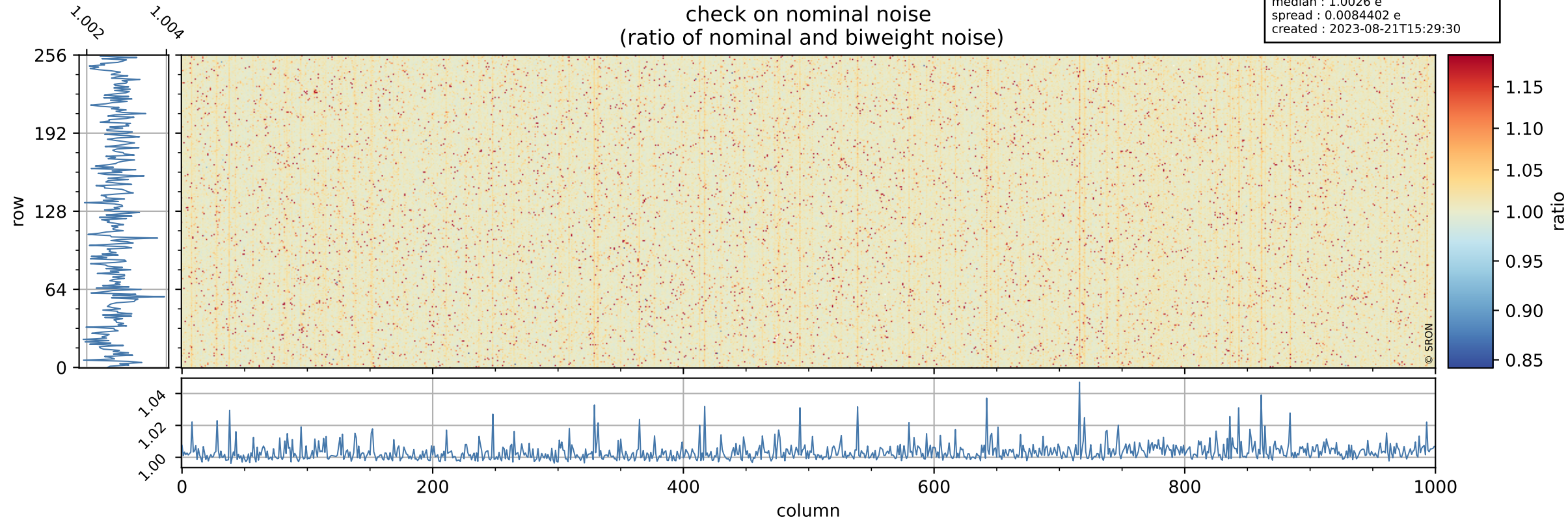
orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
median : 0.99859 e
spread : 0.0074493 e
created : 2023-08-21T15:29:30



Tropomi SWIR background noise (swir)

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

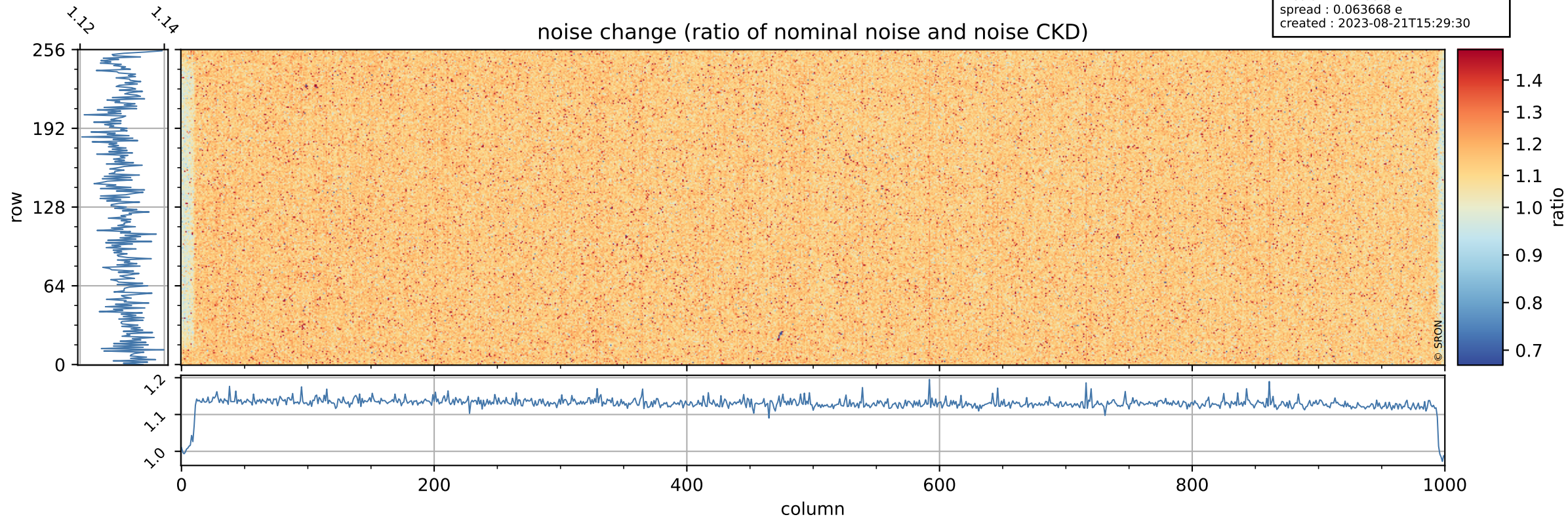
orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
median : 1.0026 e
spread : 0.0084402 e
created : 2023-08-21T15:29:30



Tropomi SWIR background noise (swir)

orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
median : 1.1295 e
spread : 0.063668 e
created : 2023-08-21T15:29:30

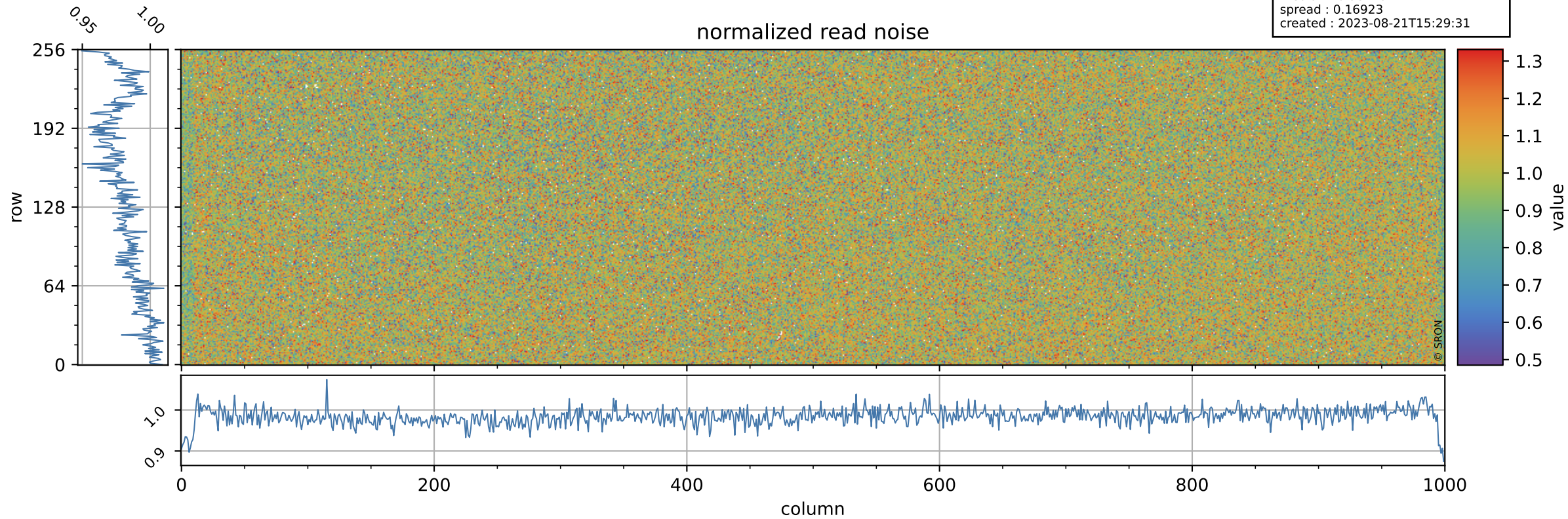
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

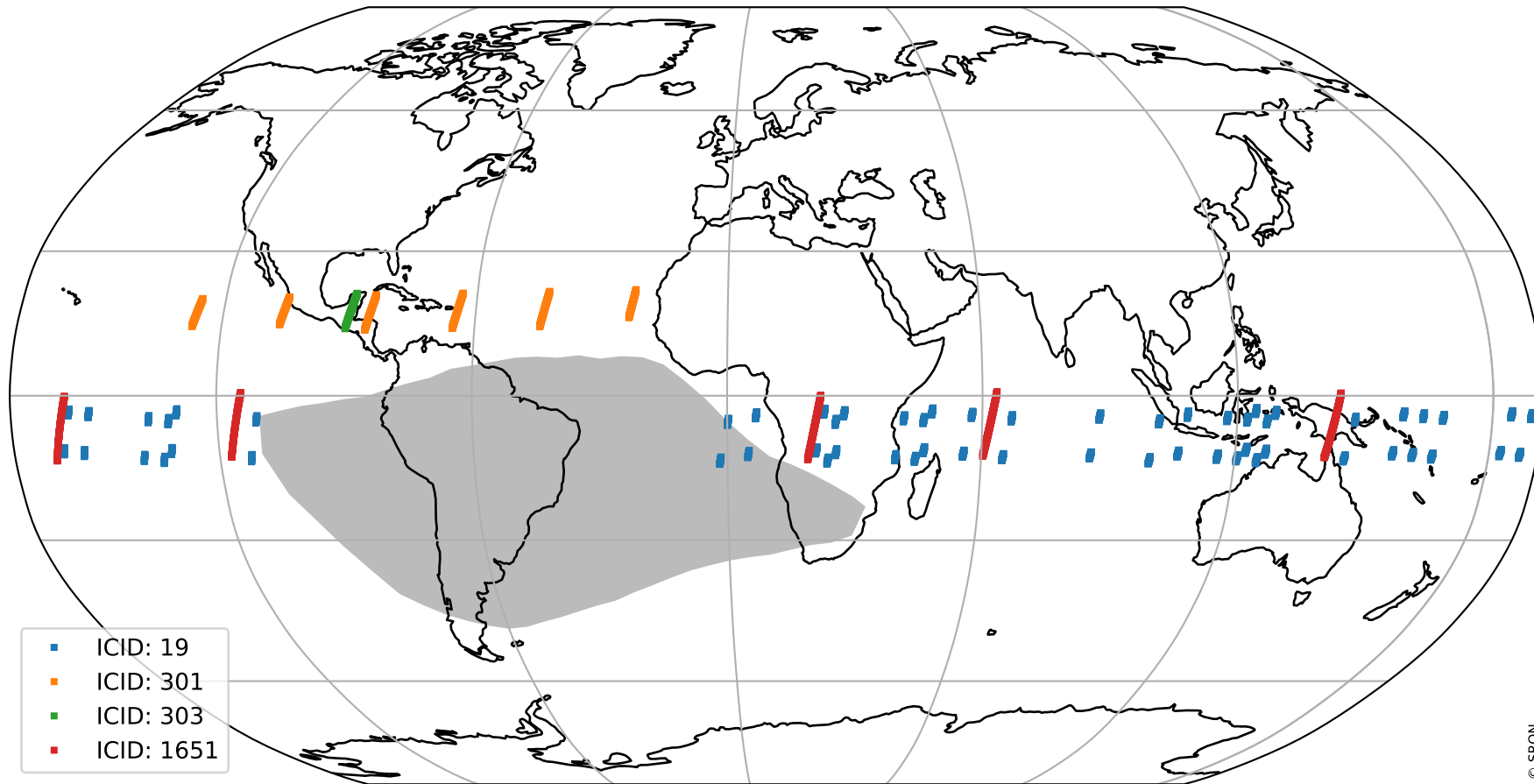
orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
median : 0.98249
spread : 0.16923
created : 2023-08-21T15:29:31

normalized read noise



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

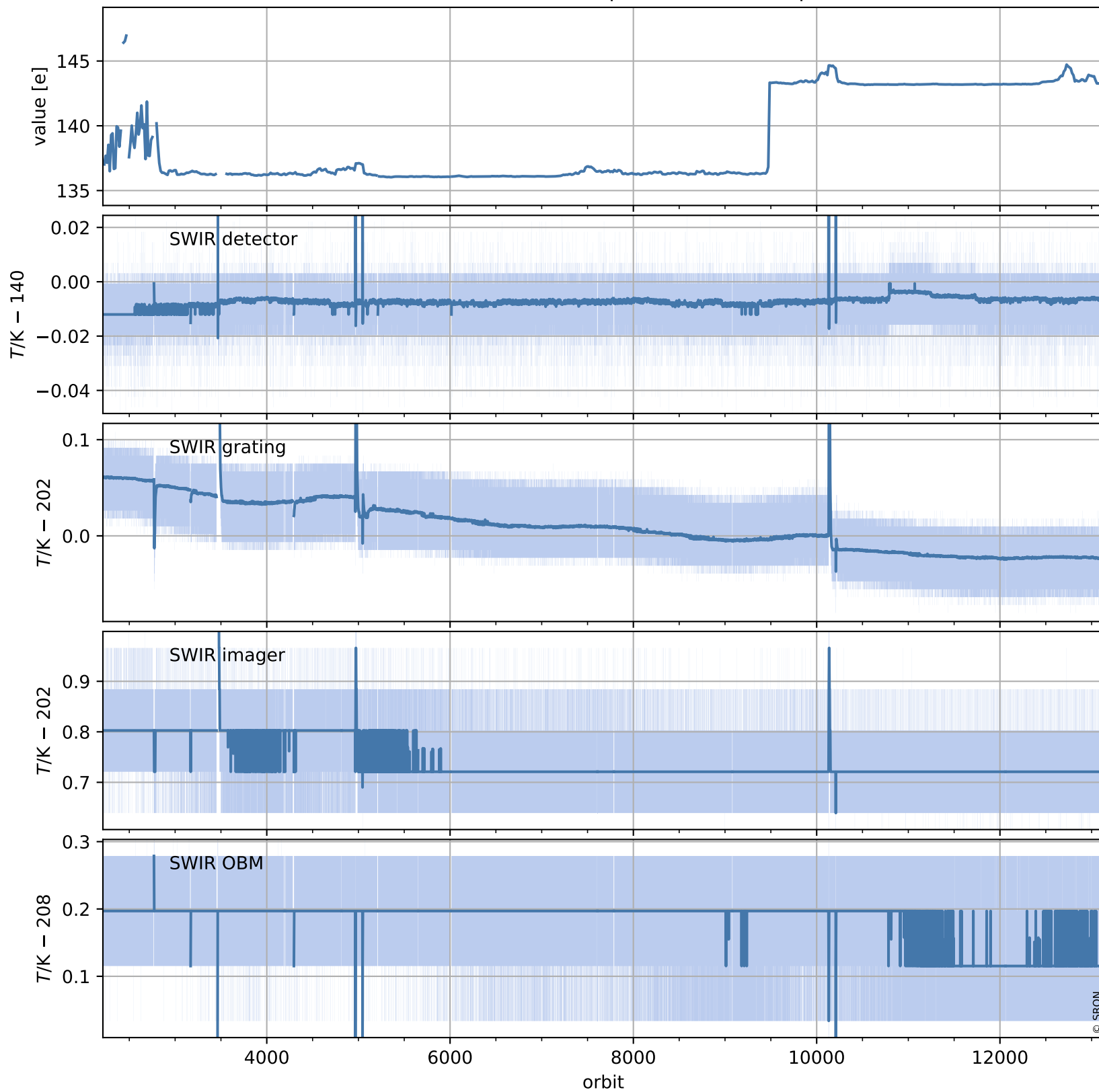
orbits : 12 in [13042, 13132]
coverage : 2020-04-20 / 2020-04-25
created : 2023-08-21T15:29:31



Tropomi SWIR background noise (swir)

orbits : [2212, 13132]
coverage : 2018-03-18 / 2020-04-25
created : 2023-08-21T15:29:31

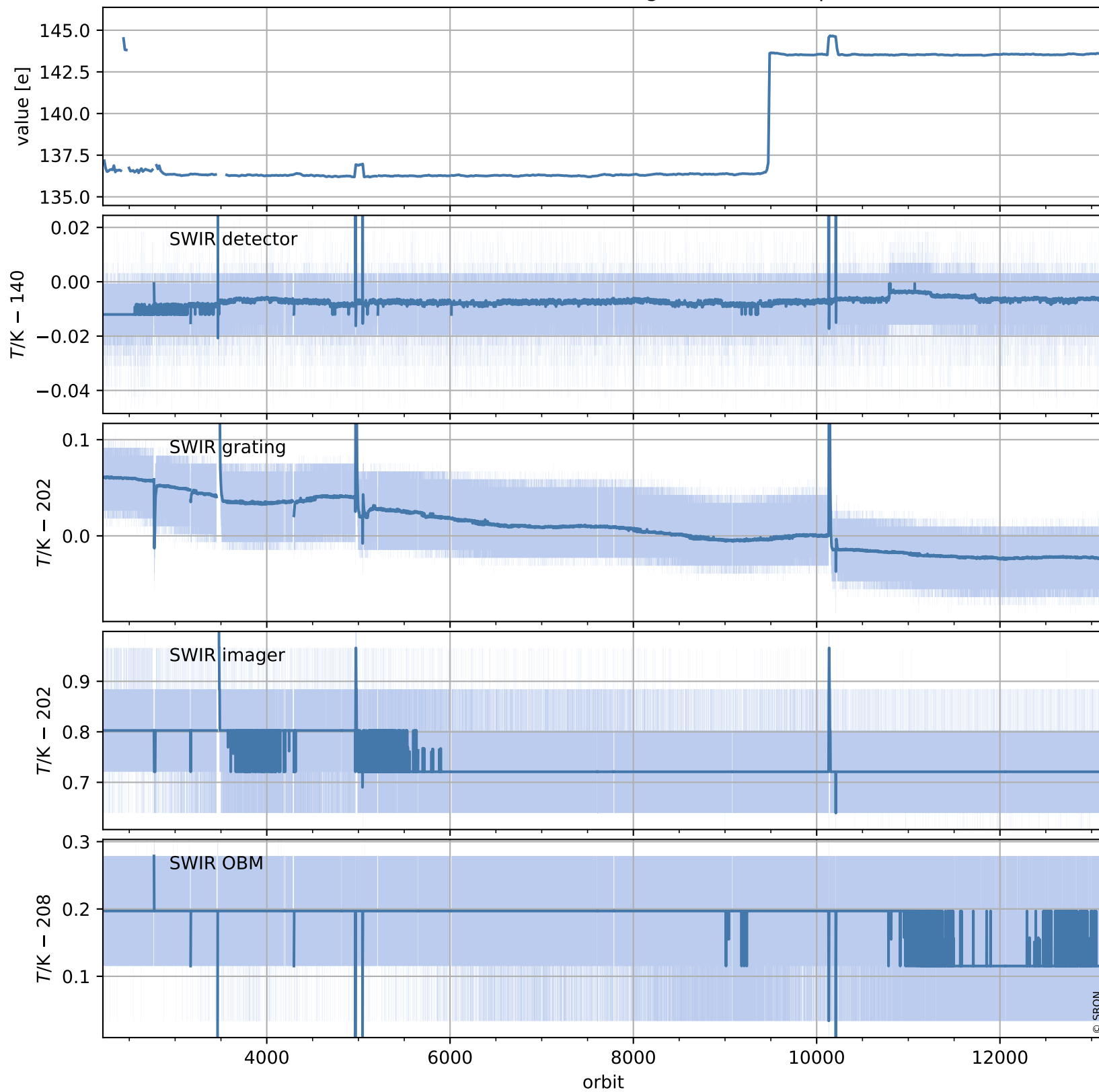
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13132]
coverage : 2018-03-18 / 2020-04-25
created : 2023-08-21T15:29:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13132]
coverage : 2018-03-18 / 2020-04-25
created : 2023-08-21T15:29:32

trend of normalized read-noise & temperatures

