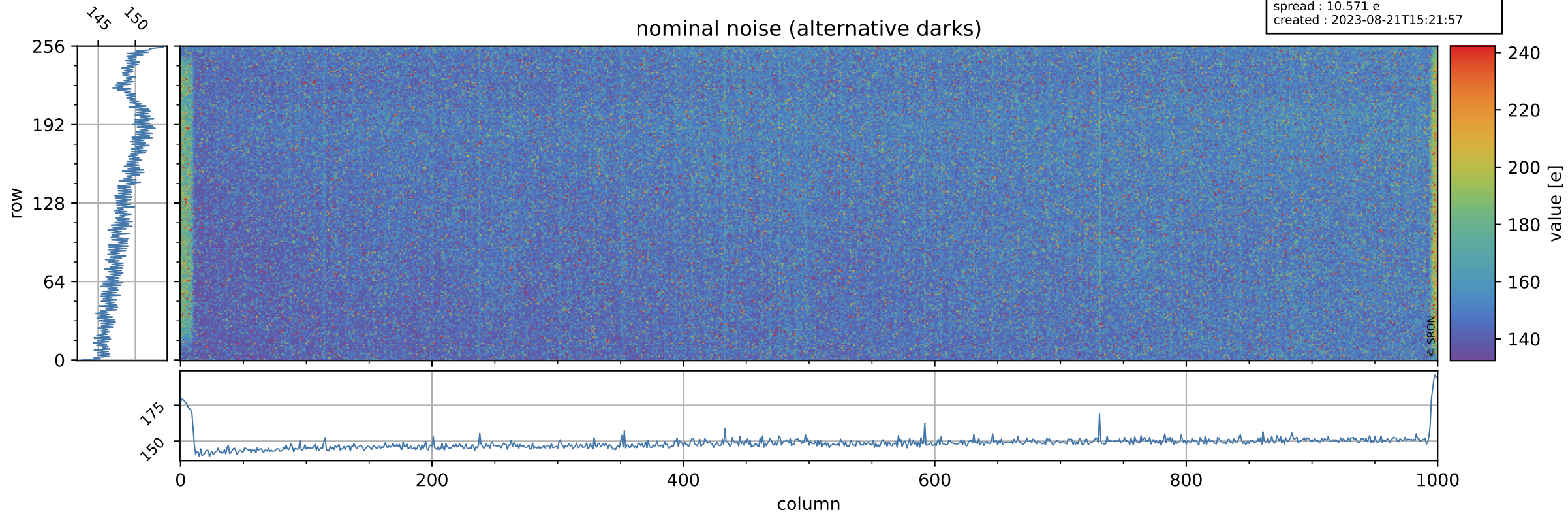


Tropomi SWIR background noise (swir)

orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.571 e
created : 2023-08-21T15:21:57

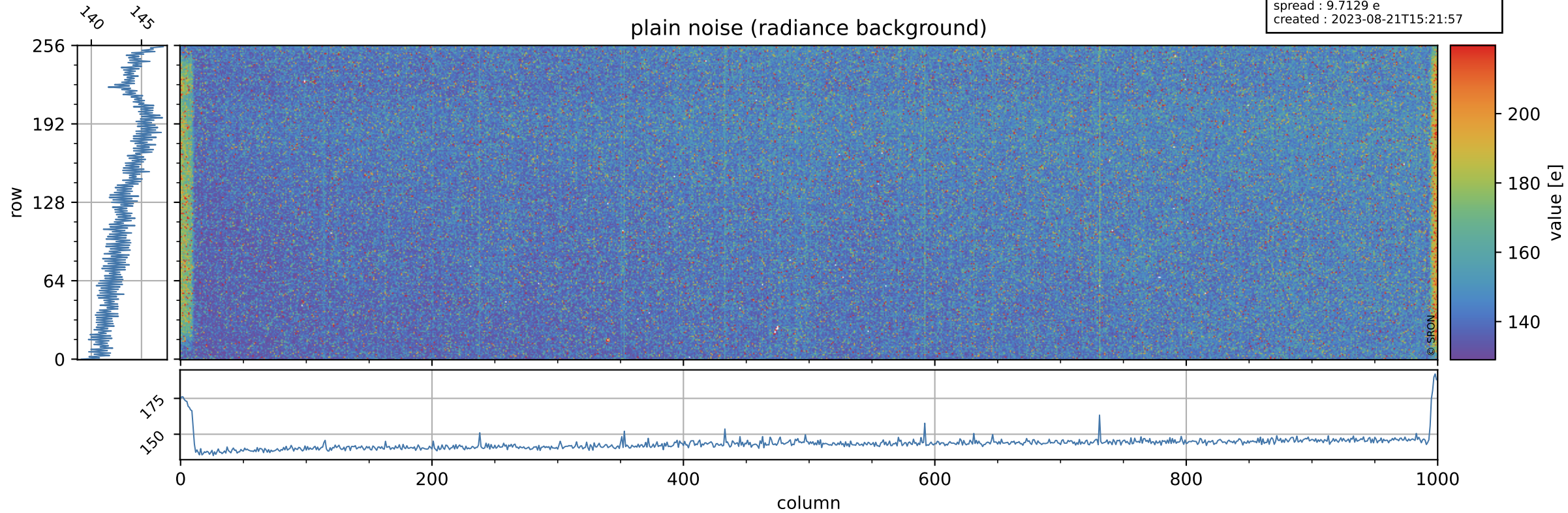
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7129 e
created : 2023-08-21T15:21:57

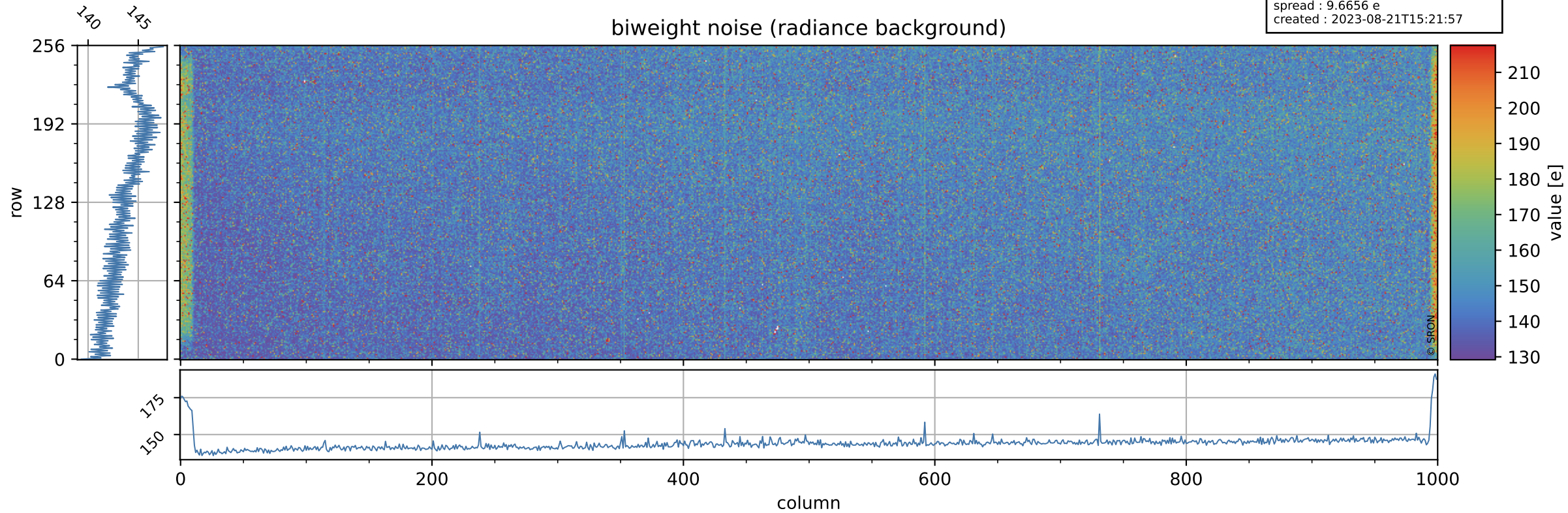
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6656 e
created : 2023-08-21T15:21:57

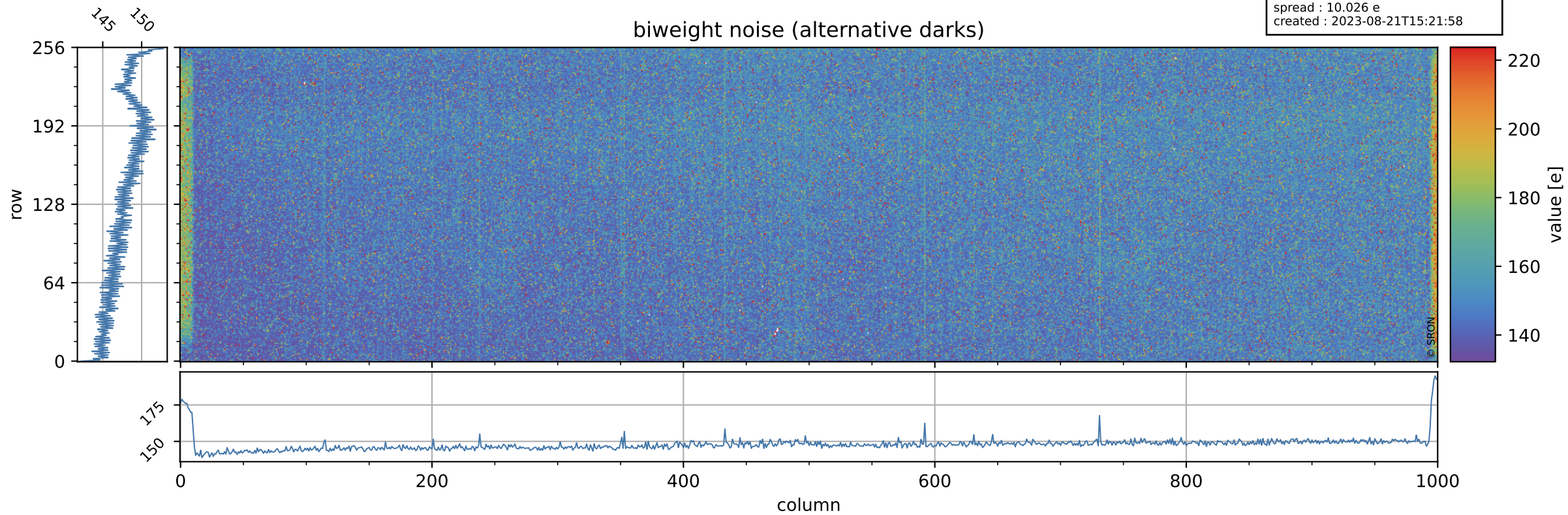
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.026 e
created : 2023-08-21T15:21:58

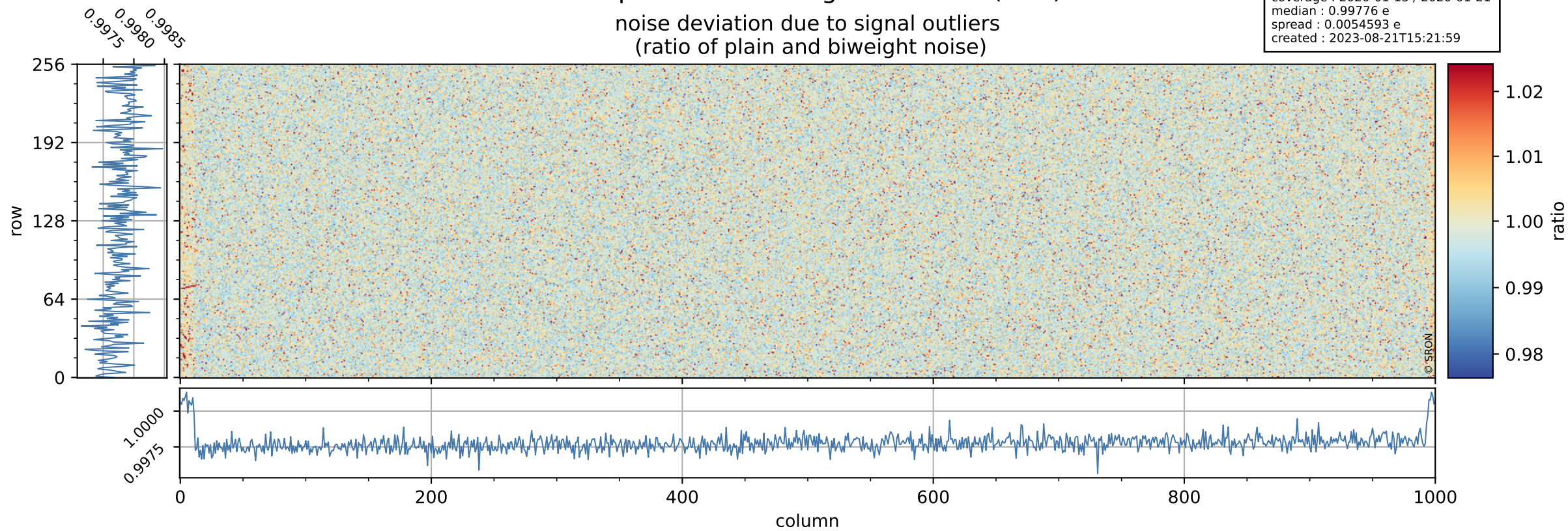
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

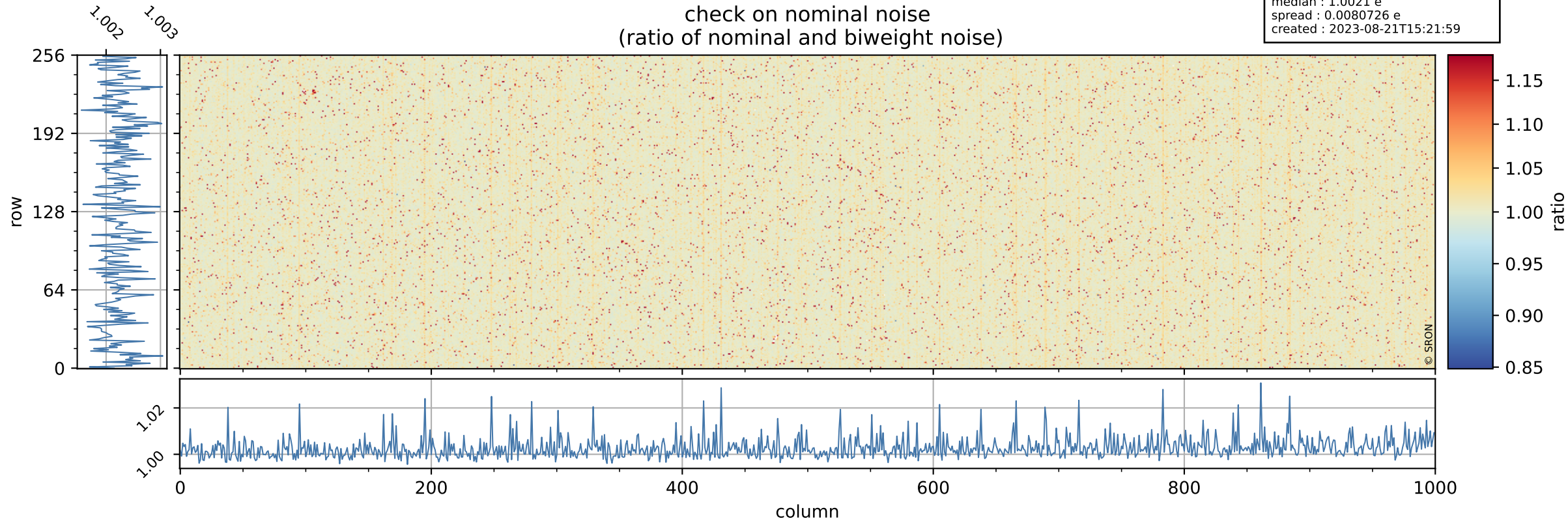
orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
median : 0.99776 e
spread : 0.0054593 e
created : 2023-08-21T15:21:59



Tropomi SWIR background noise (swir)

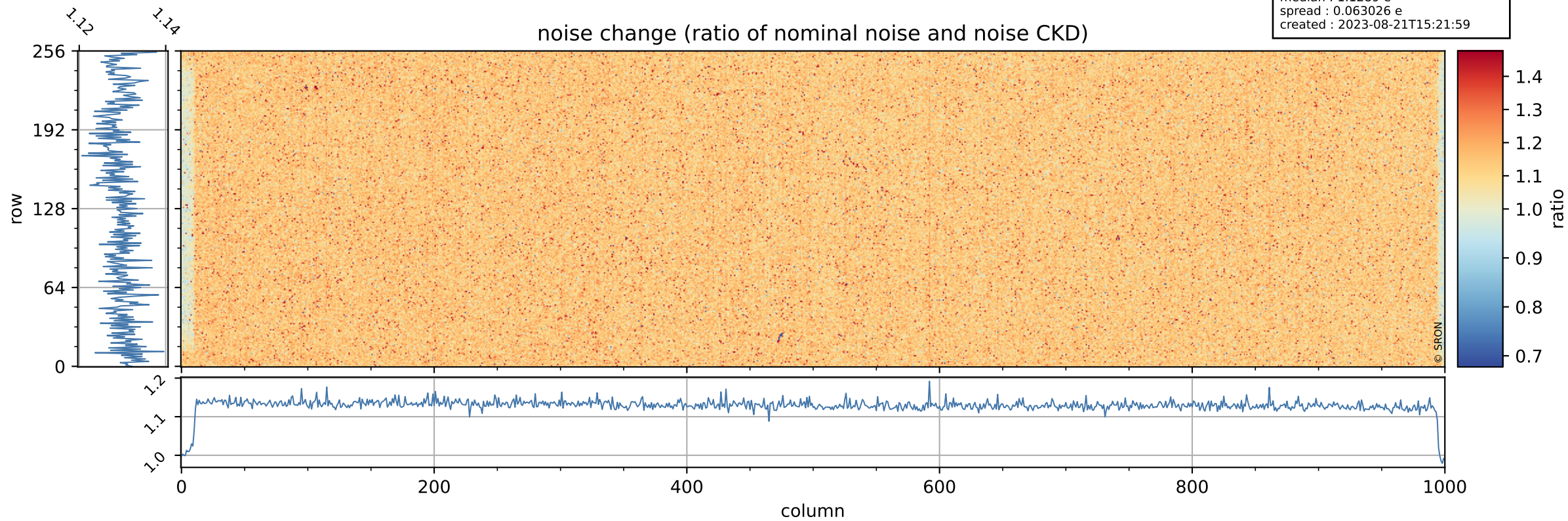
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
median : 1.0021 e
spread : 0.0080726 e
created : 2023-08-21T15:21:59



Tropomi SWIR background noise (swir)

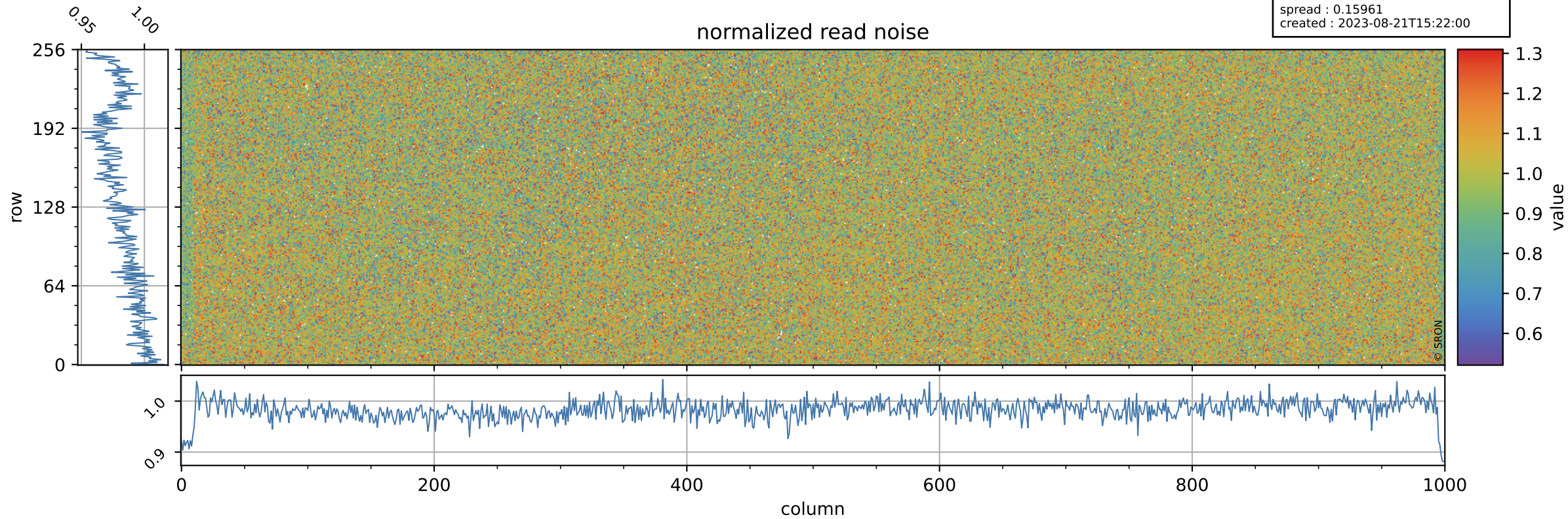
orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
median : 1.1289 e
spread : 0.063026 e
created : 2023-08-21T15:21:59



Tropomi SWIR background noise (swir)

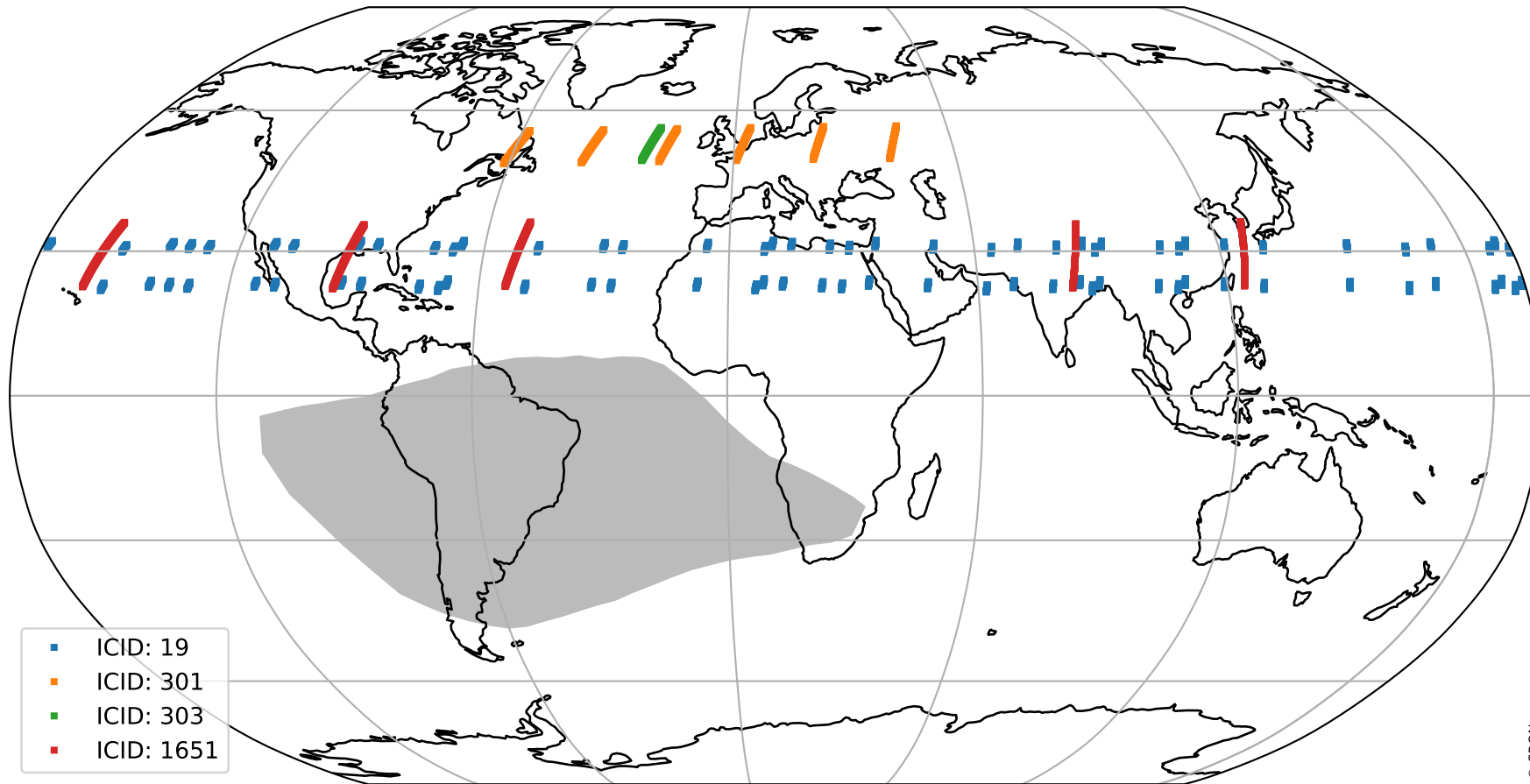
orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
median : 0.98183
spread : 0.15961
created : 2023-08-21T15:22:00

normalized read noise



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

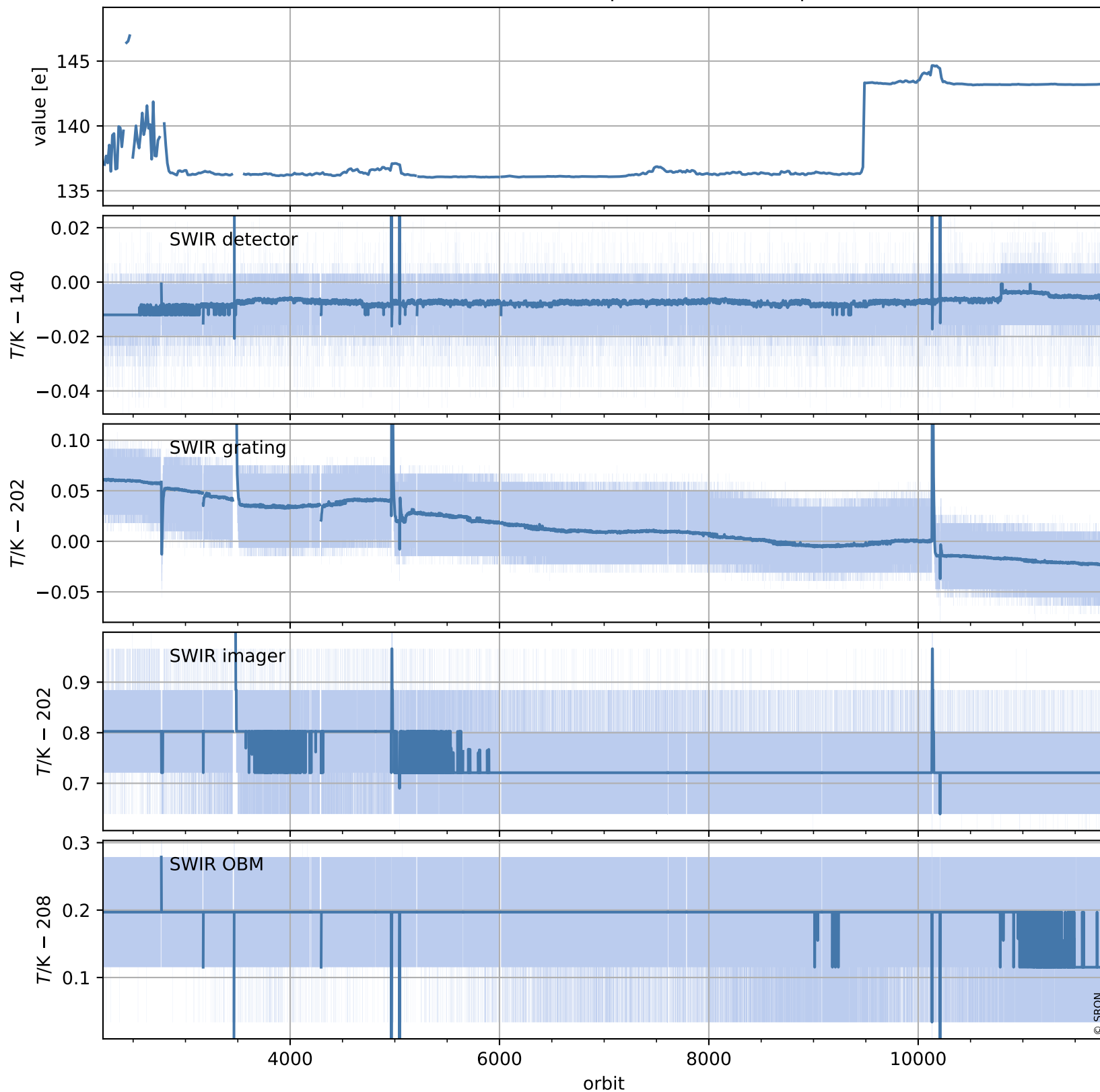
orbits : 12 in [11692, 11782]
coverage : 2020-01-15 / 2020-01-21
created : 2023-08-21T15:22:00



Tropomi SWIR background noise (swir)

orbits : [2212, 11782]
coverage : 2018-03-18 / 2020-01-21
created : 2023-08-21T15:22:00

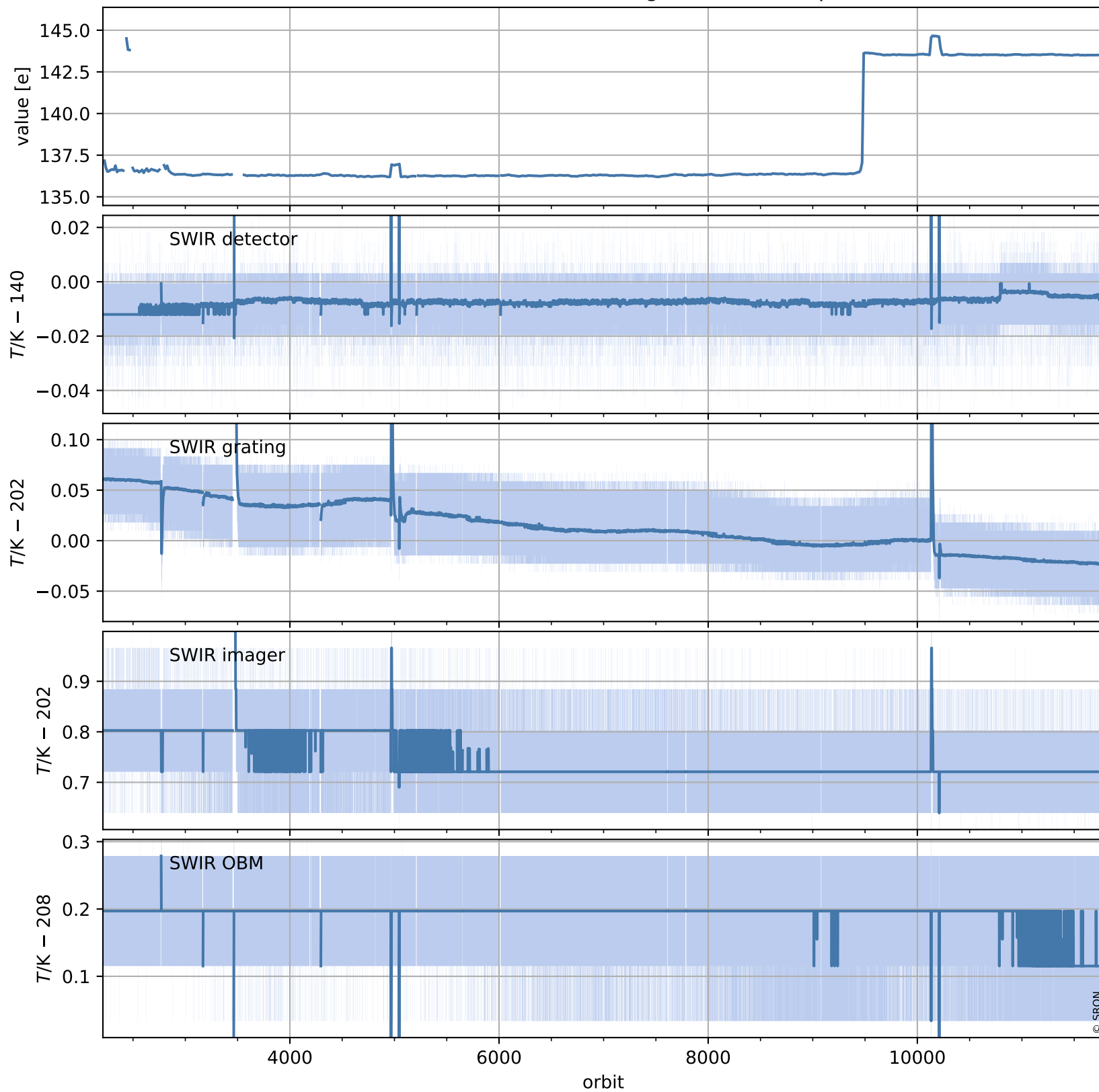
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11782]
coverage : 2018-03-18 / 2020-01-21
created : 2023-08-21T15:22:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11782]
coverage : 2018-03-18 / 2020-01-21
created : 2023-08-21T15:22:02

trend of normalized read-noise & temperatures

