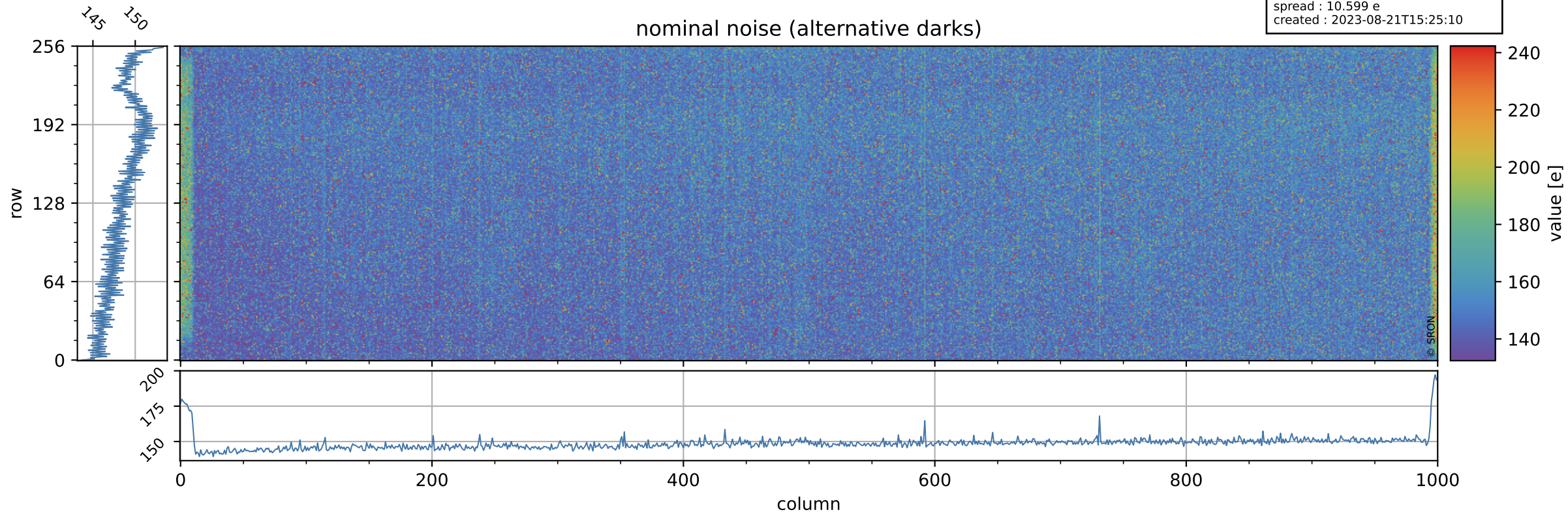


Tropomi SWIR background noise (swir)

orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.599 e
created : 2023-08-21T15:25:10

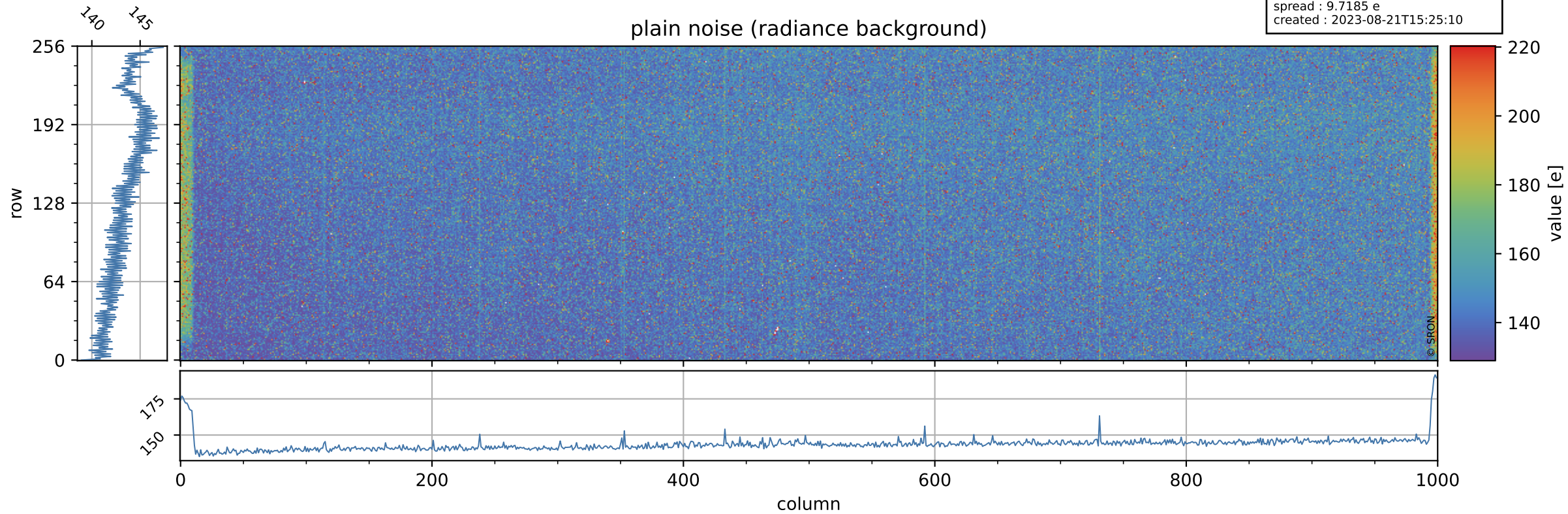
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7185 e
created : 2023-08-21T15:25:10

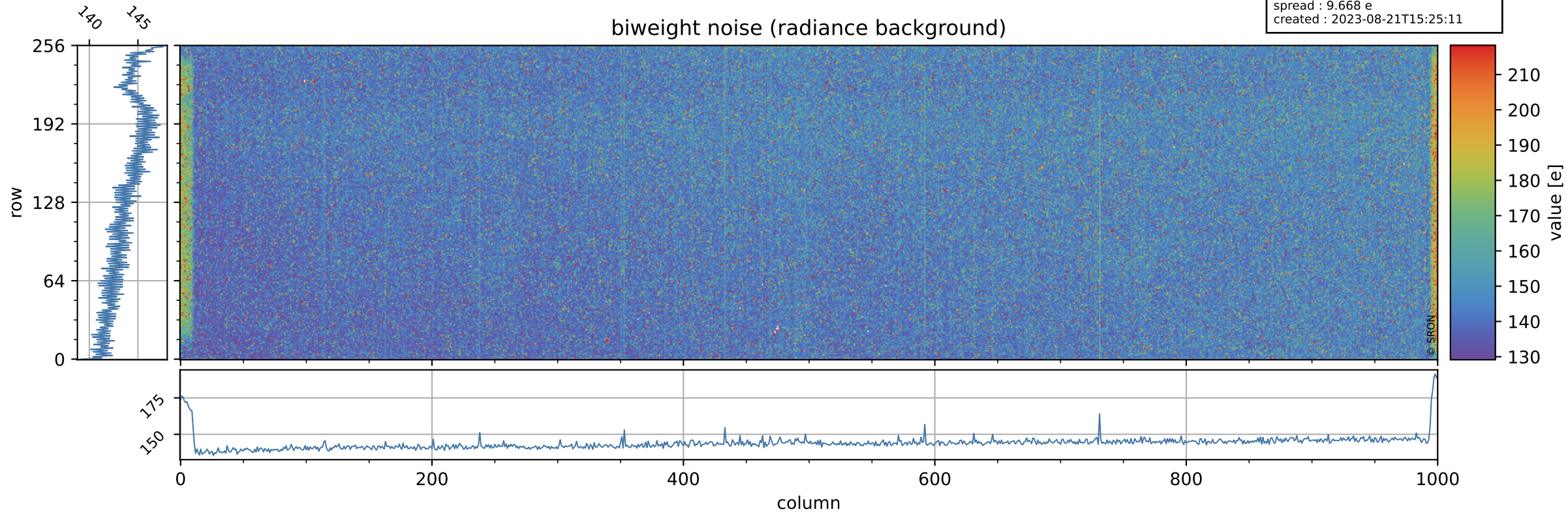
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.668 e
created : 2023-08-21T15:25:11

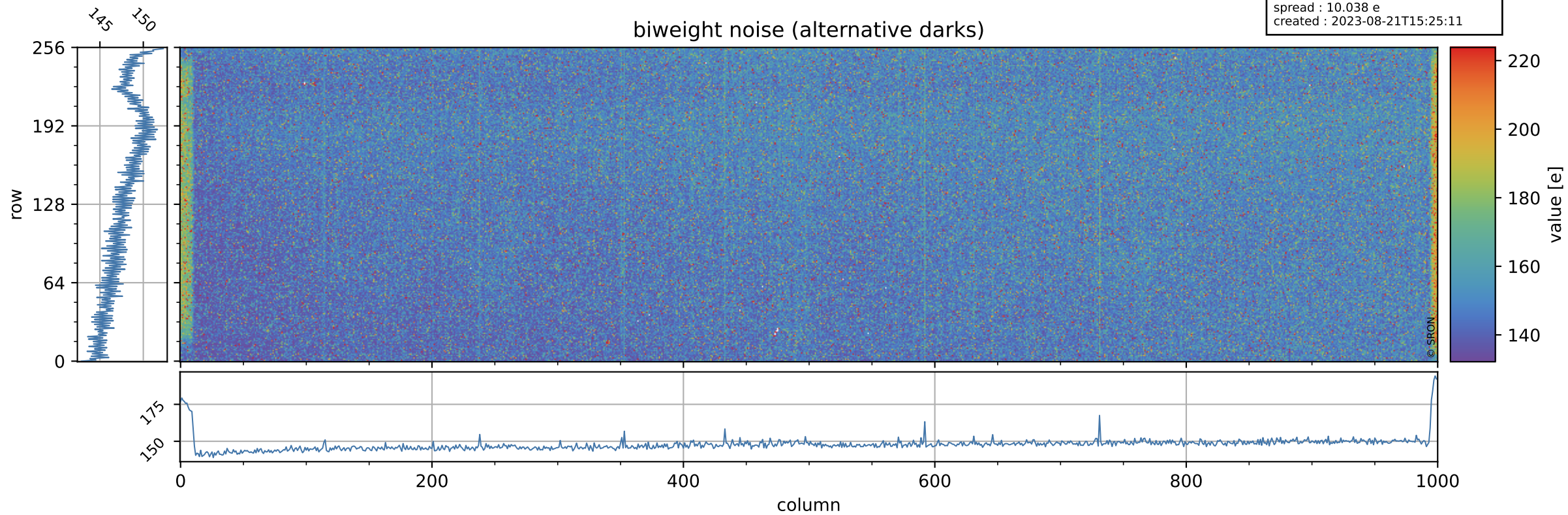
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.038 e
created : 2023-08-21T15:25:11

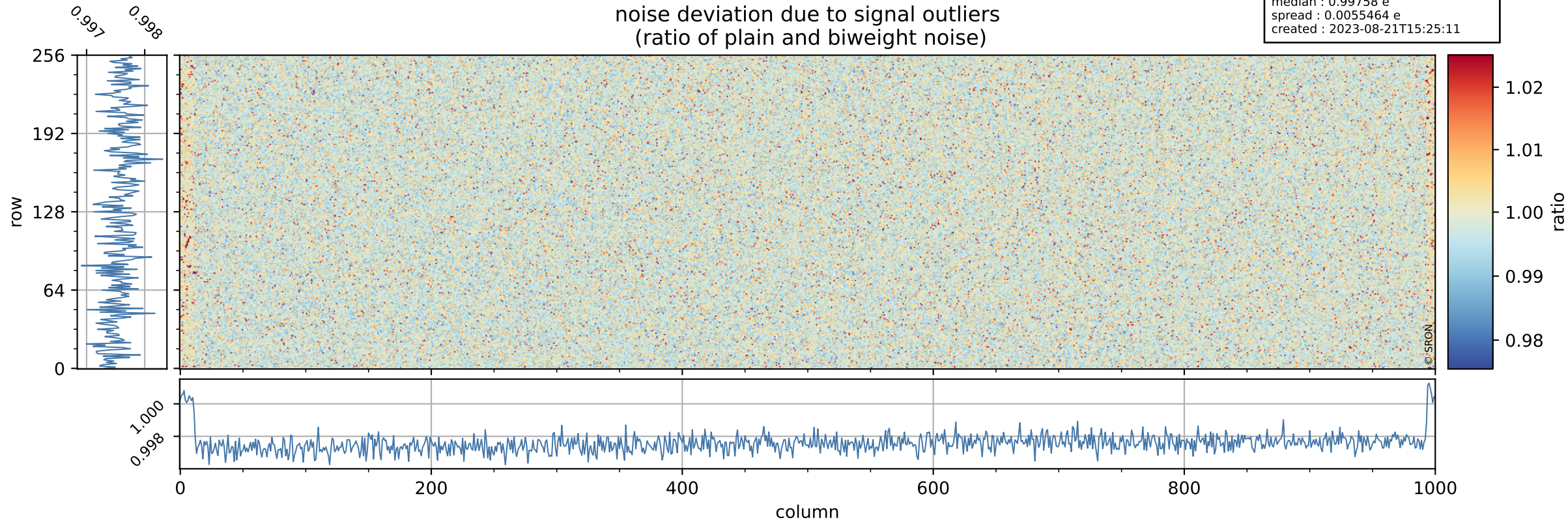
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

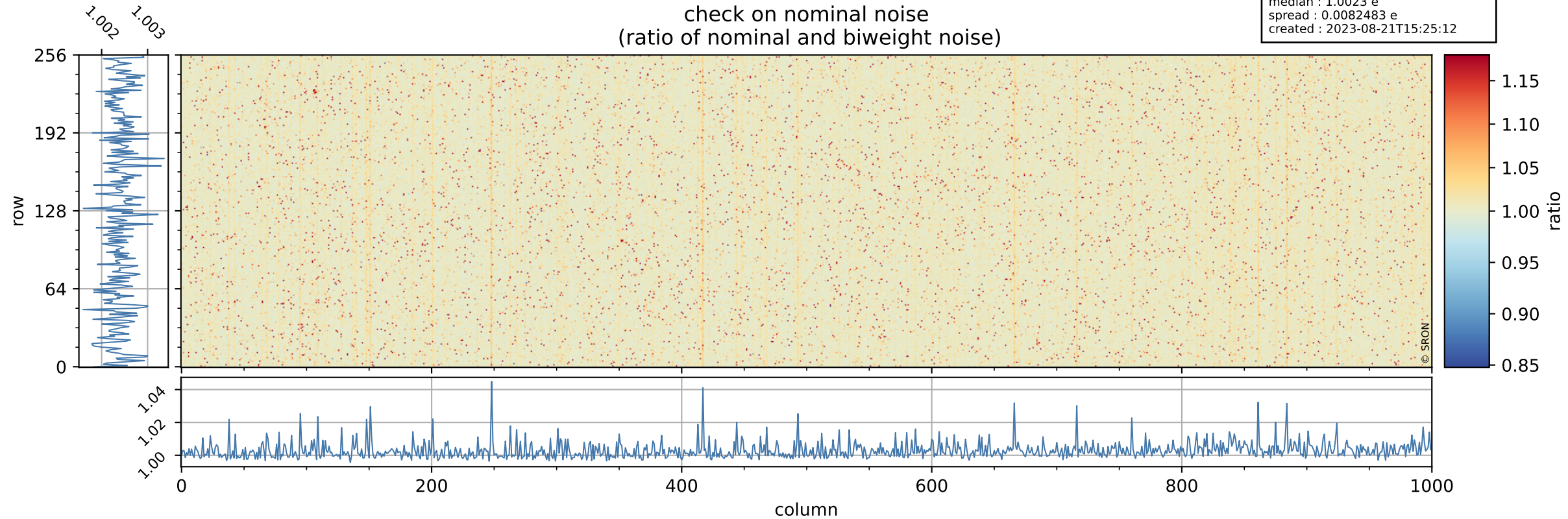
orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
median : 0.99758 e
spread : 0.0055464 e
created : 2023-08-21T15:25:11



Tropomi SWIR background noise (swir)

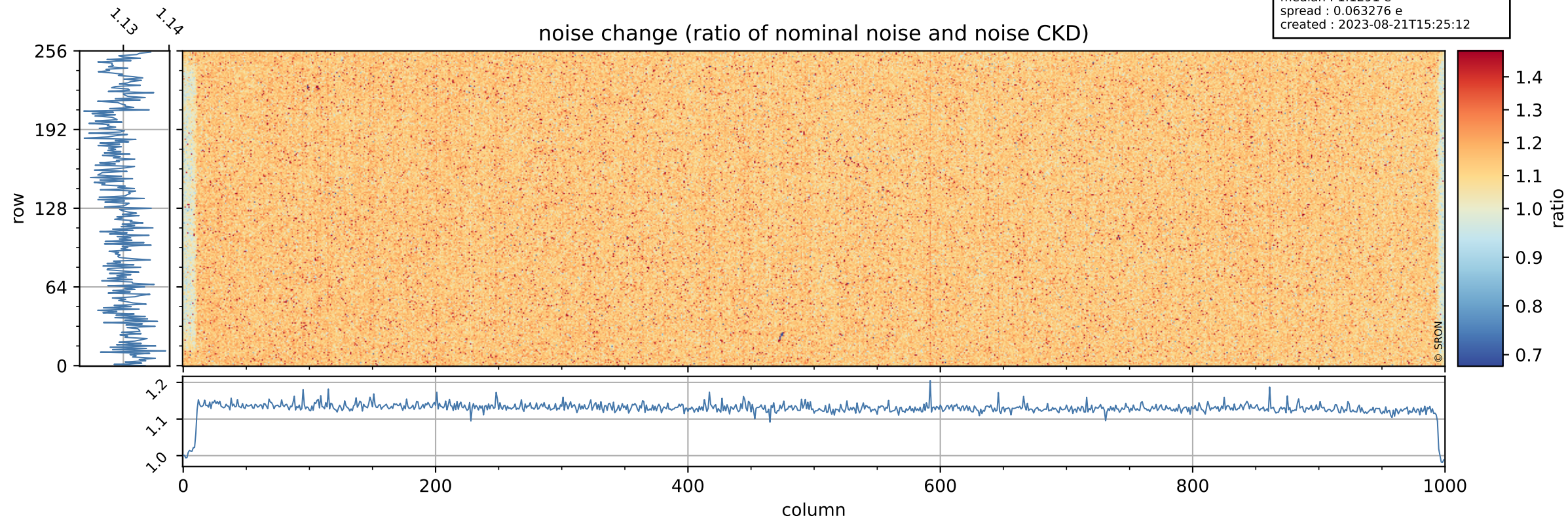
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
median : 1.0023 e
spread : 0.0082483 e
created : 2023-08-21T15:25:12



Tropomi SWIR background noise (swir)

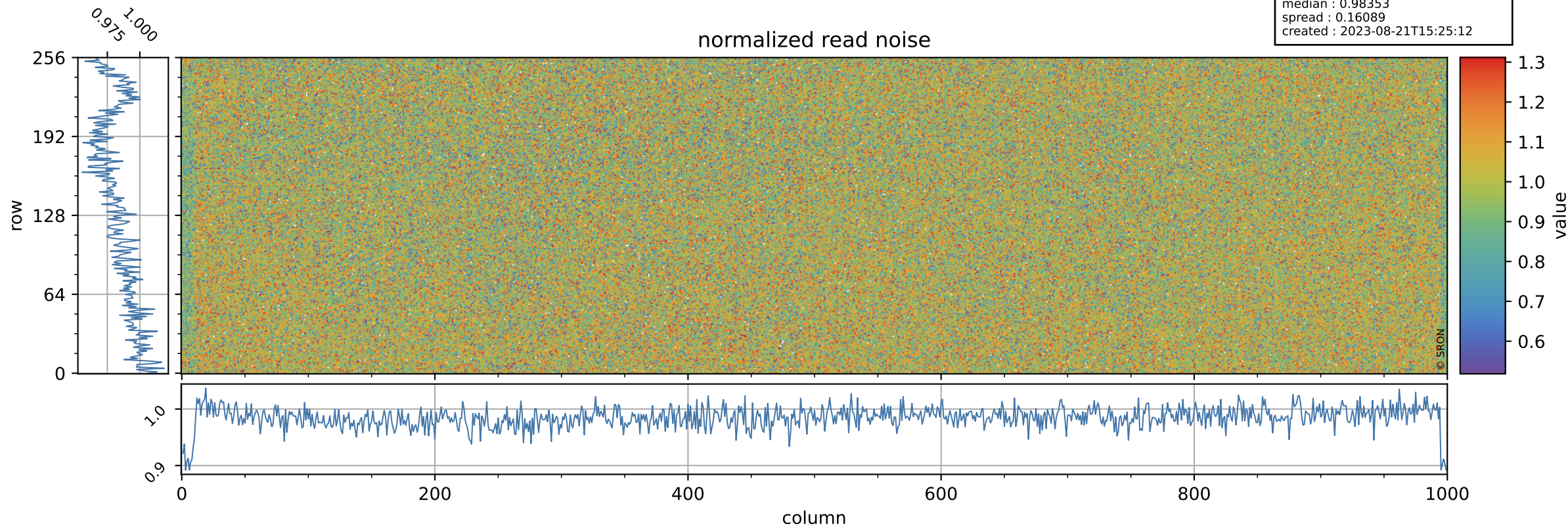
orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
median : 1.1291 e
spread : 0.063276 e
created : 2023-08-21T15:25:12



Tropomi SWIR background noise (swir)

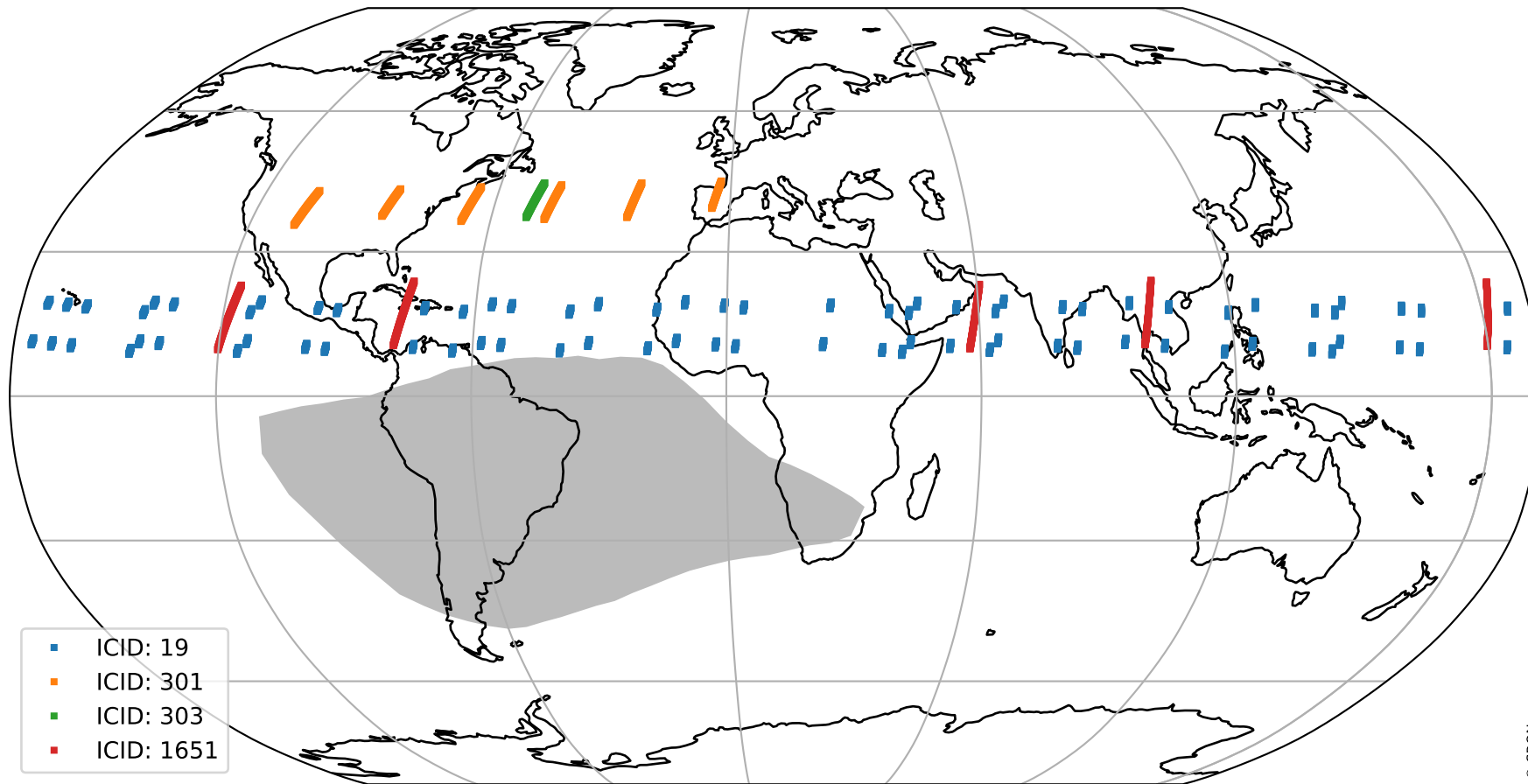
orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
median : 0.98353
spread : 0.16089
created : 2023-08-21T15:25:12

normalized read noise



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

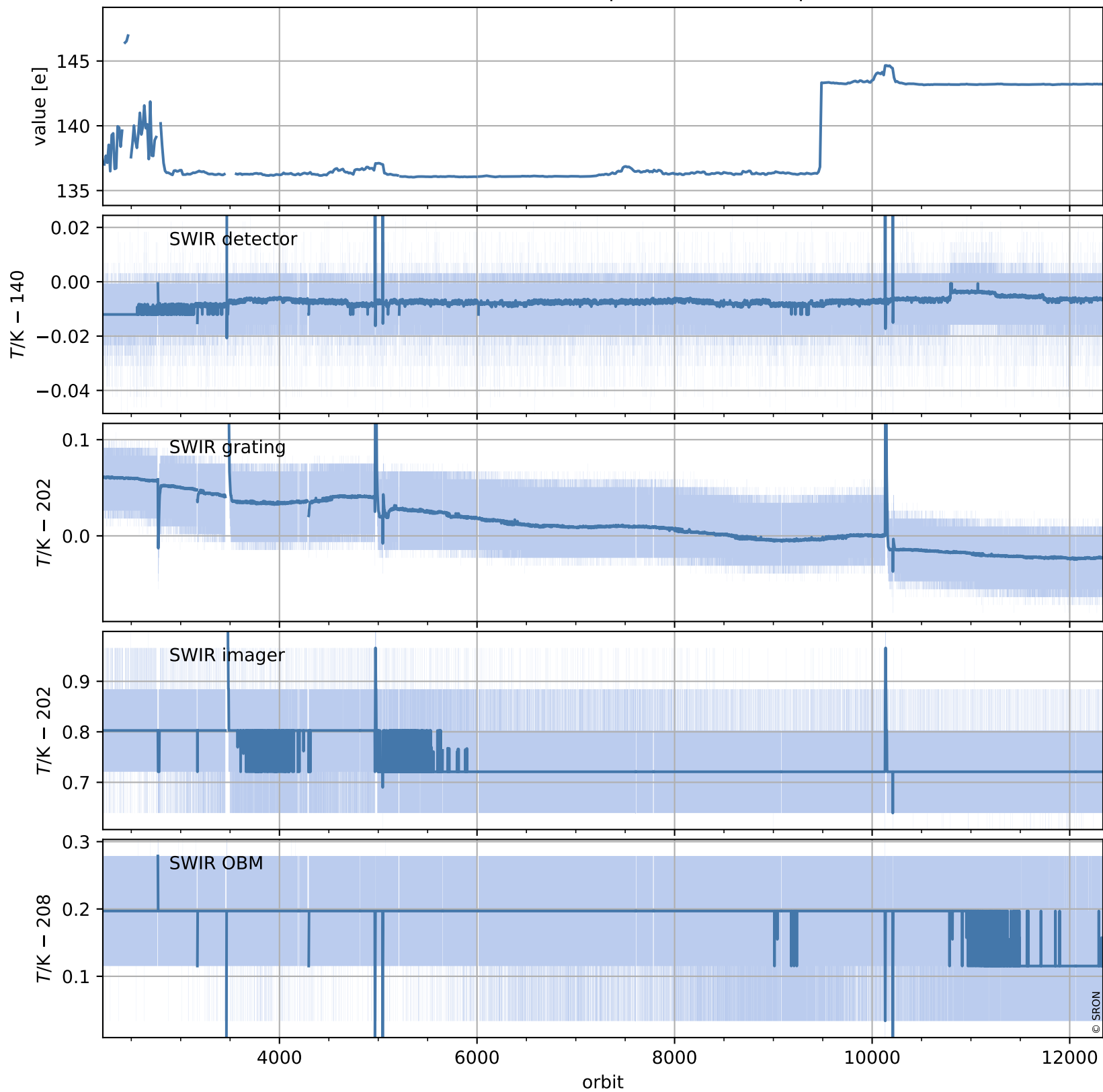
orbits : 12 in [12262, 12337]
coverage : 2020-02-24 / 2020-02-29
created : 2023-08-21T15:25:13



Tropomi SWIR background noise (swir)

orbits : [2212, 12337]
coverage : 2018-03-18 / 2020-02-29
created : 2023-08-21T15:25:13

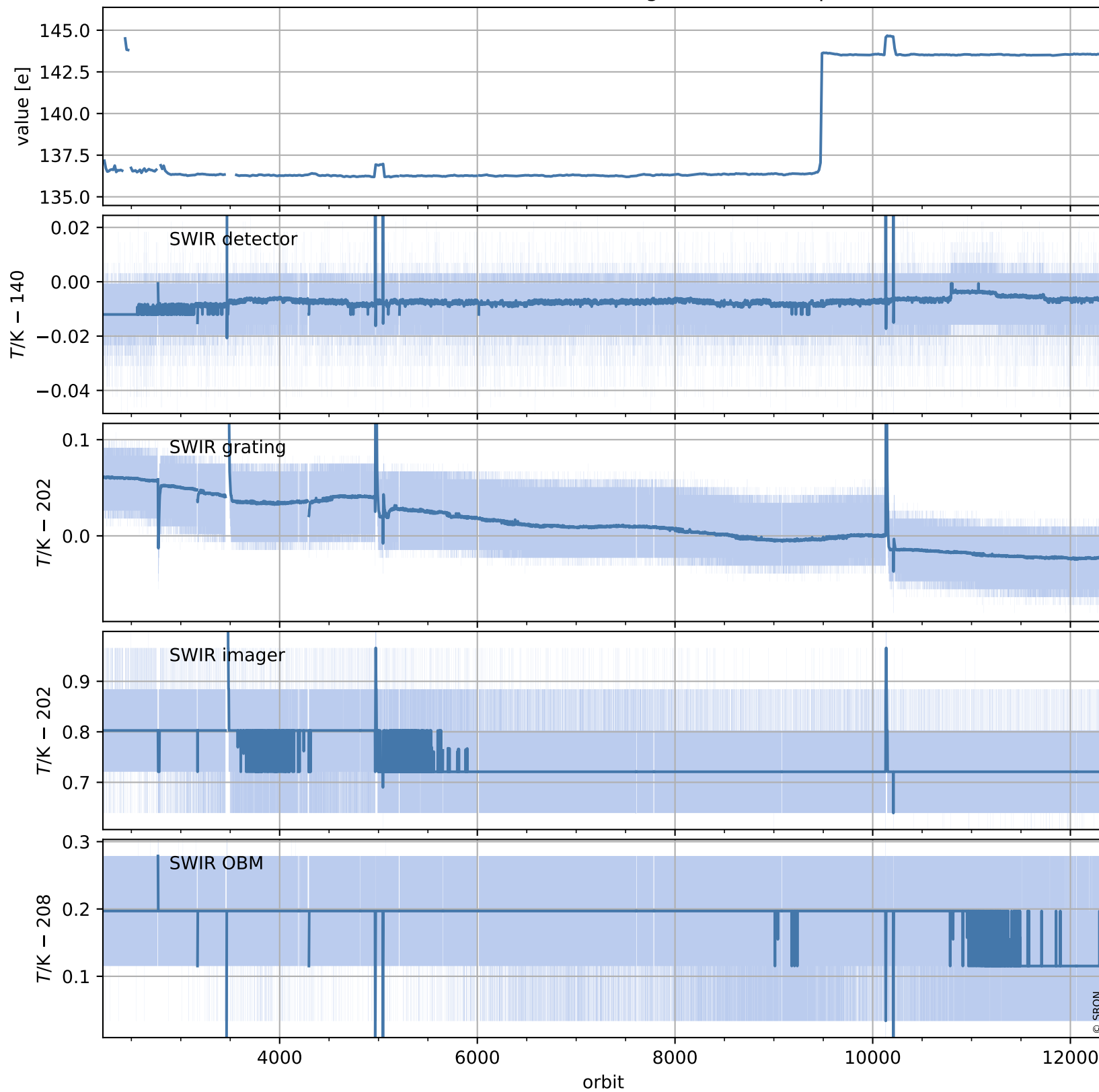
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12337]
coverage : 2018-03-18 / 2020-02-29
created : 2023-08-21T15:25:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12337]
coverage : 2018-03-18 / 2020-02-29
created : 2023-08-21T15:25:14

trend of normalized read-noise & temperatures

