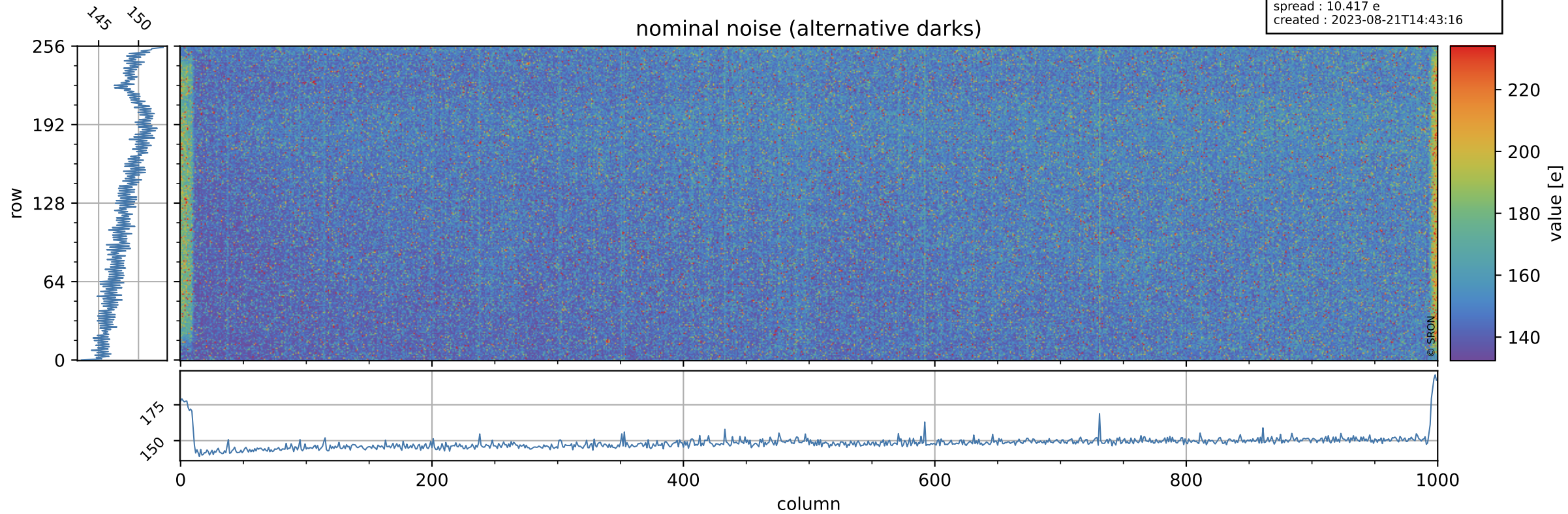


Tropomi SWIR background noise (swir)

orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.417 e
created : 2023-08-21T14:43:16

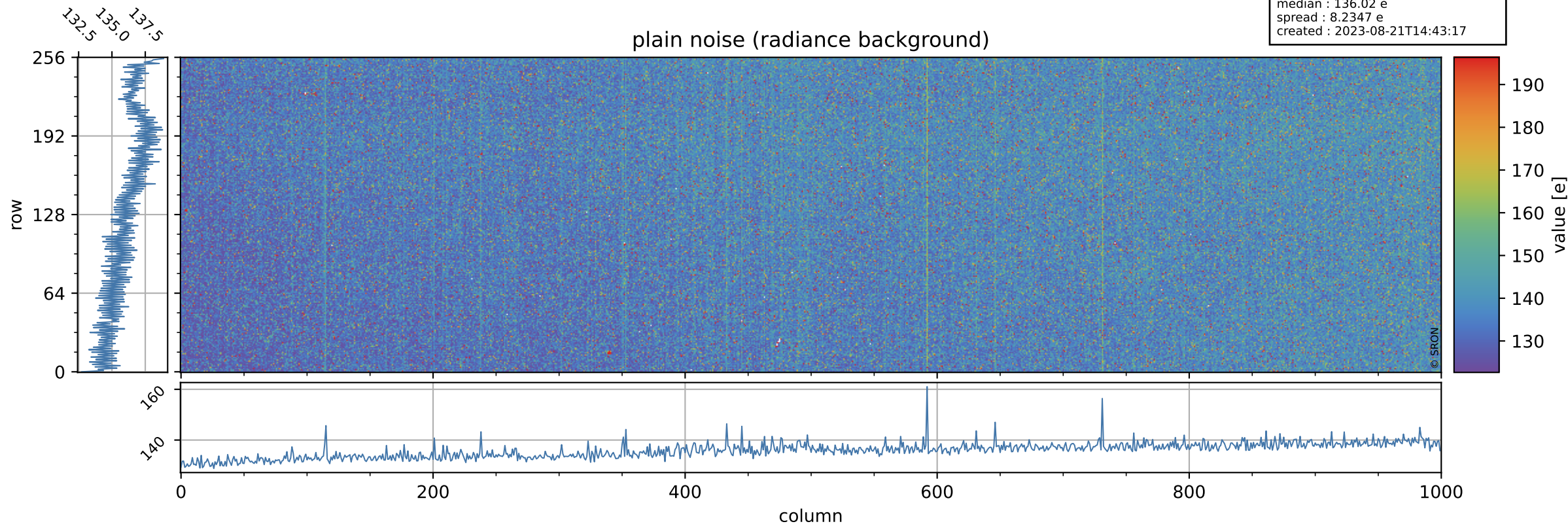
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2347 e
created : 2023-08-21T14:43:17

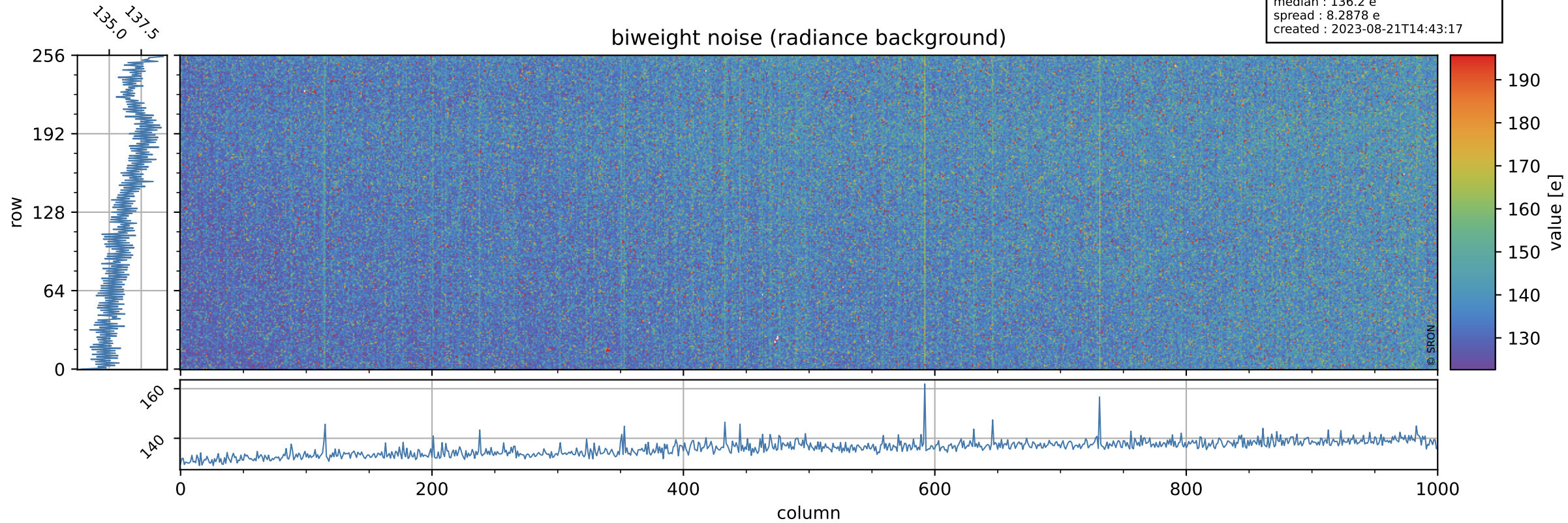
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.2878 e
created : 2023-08-21T14:43:17

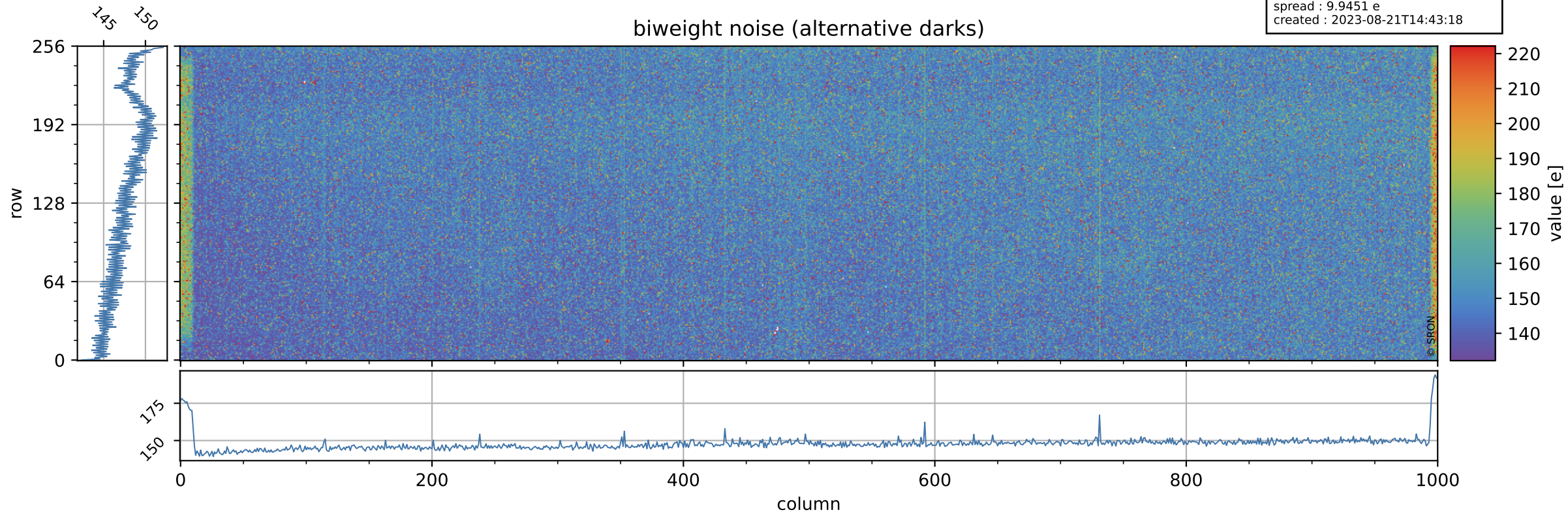
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9451 e
created : 2023-08-21T14:43:18

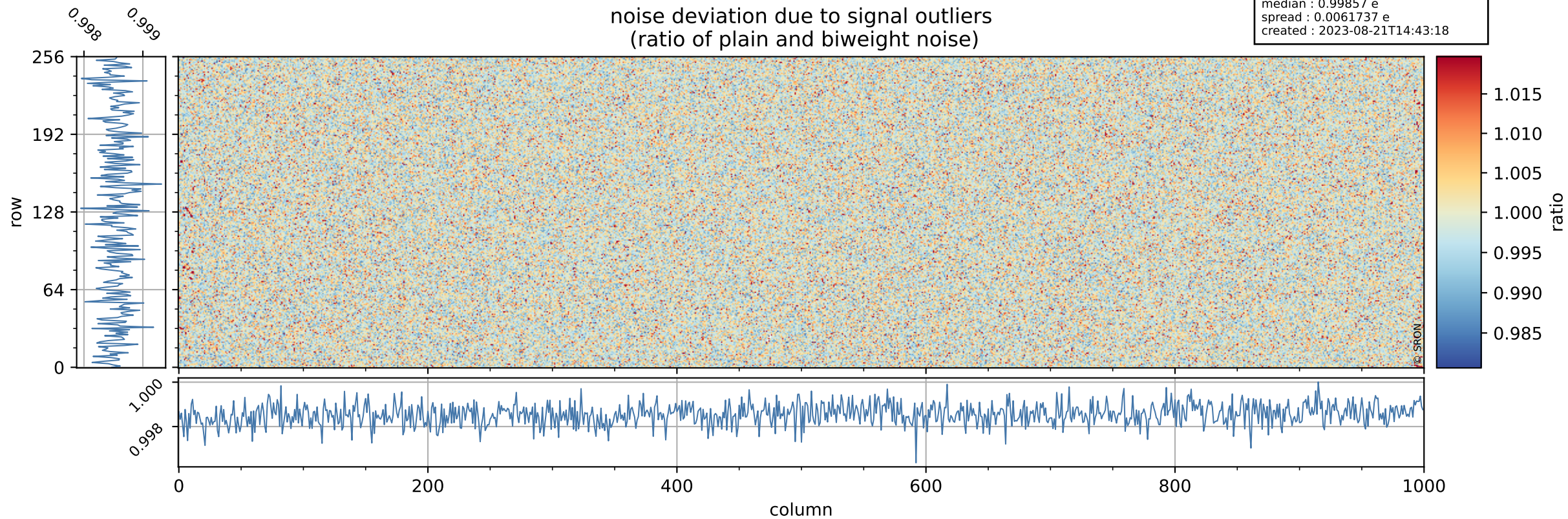
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

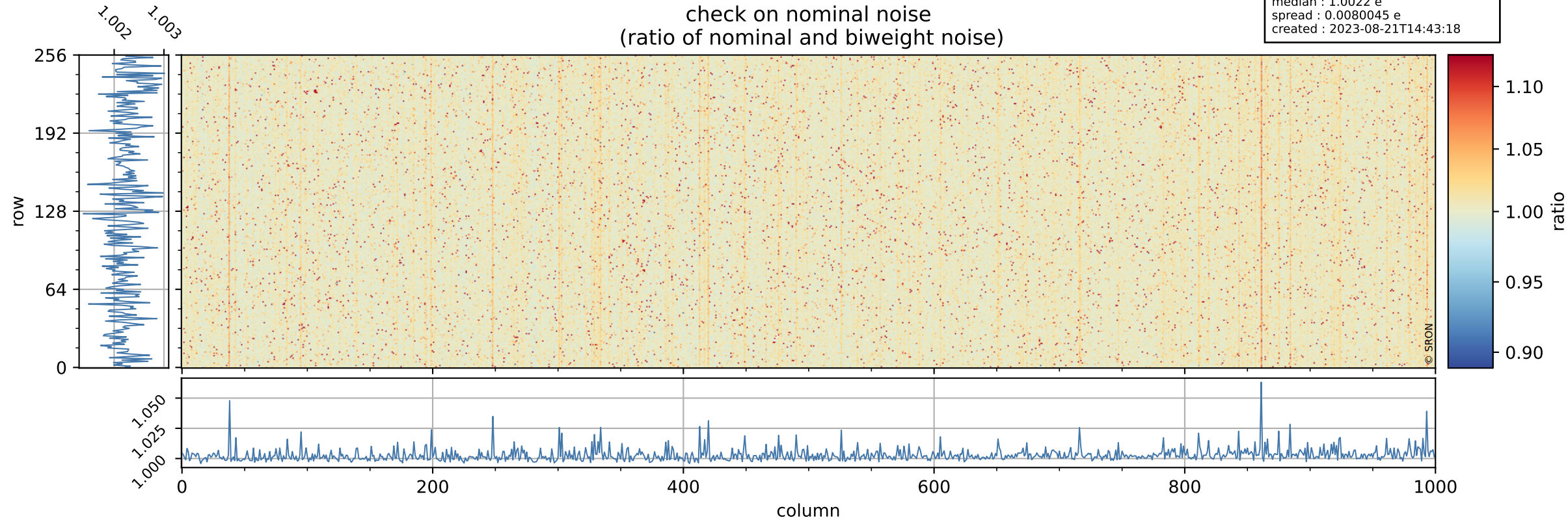
orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
median : 0.99857 e
spread : 0.0061737 e
created : 2023-08-21T14:43:18



Tropomi SWIR background noise (swir)

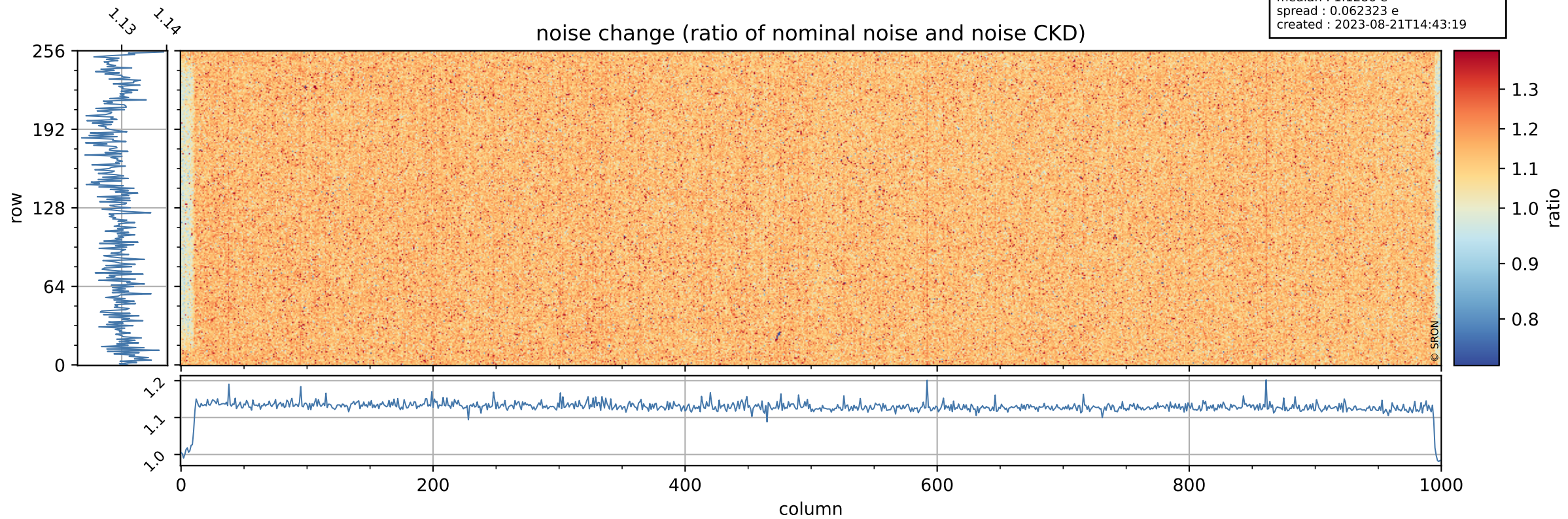
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
median : 1.0022 e
spread : 0.0080045 e
created : 2023-08-21T14:43:18



Tropomi SWIR background noise (swir)

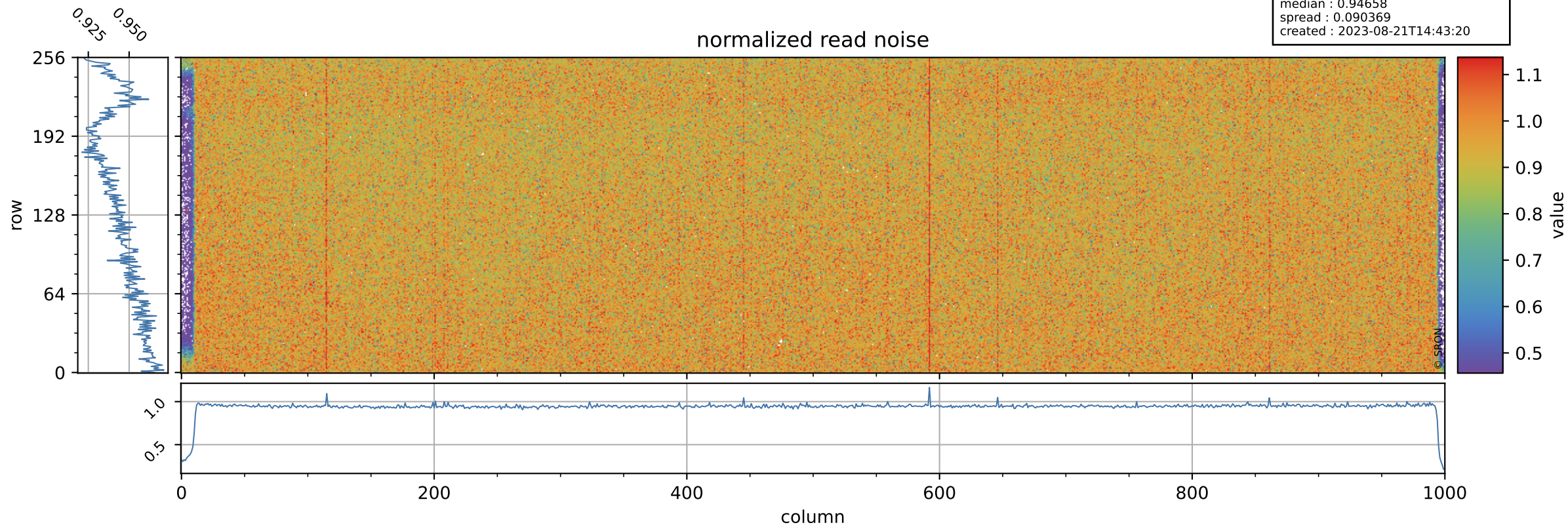
orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
median : 1.1286 e
spread : 0.062323 e
created : 2023-08-21T14:43:19



Tropomi SWIR background noise (swir)

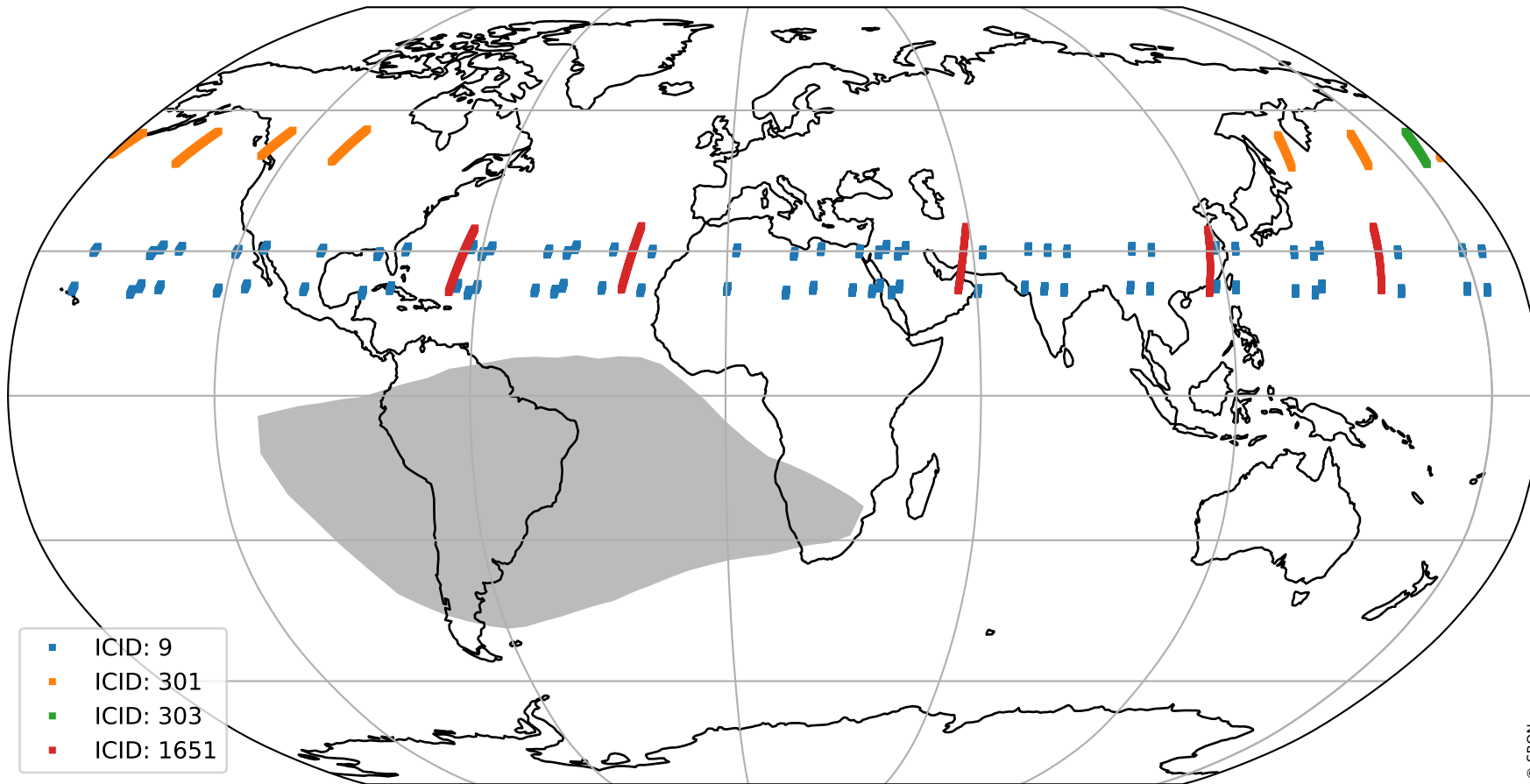
orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
median : 0.94658
spread : 0.090369
created : 2023-08-21T14:43:20

normalized read noise



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

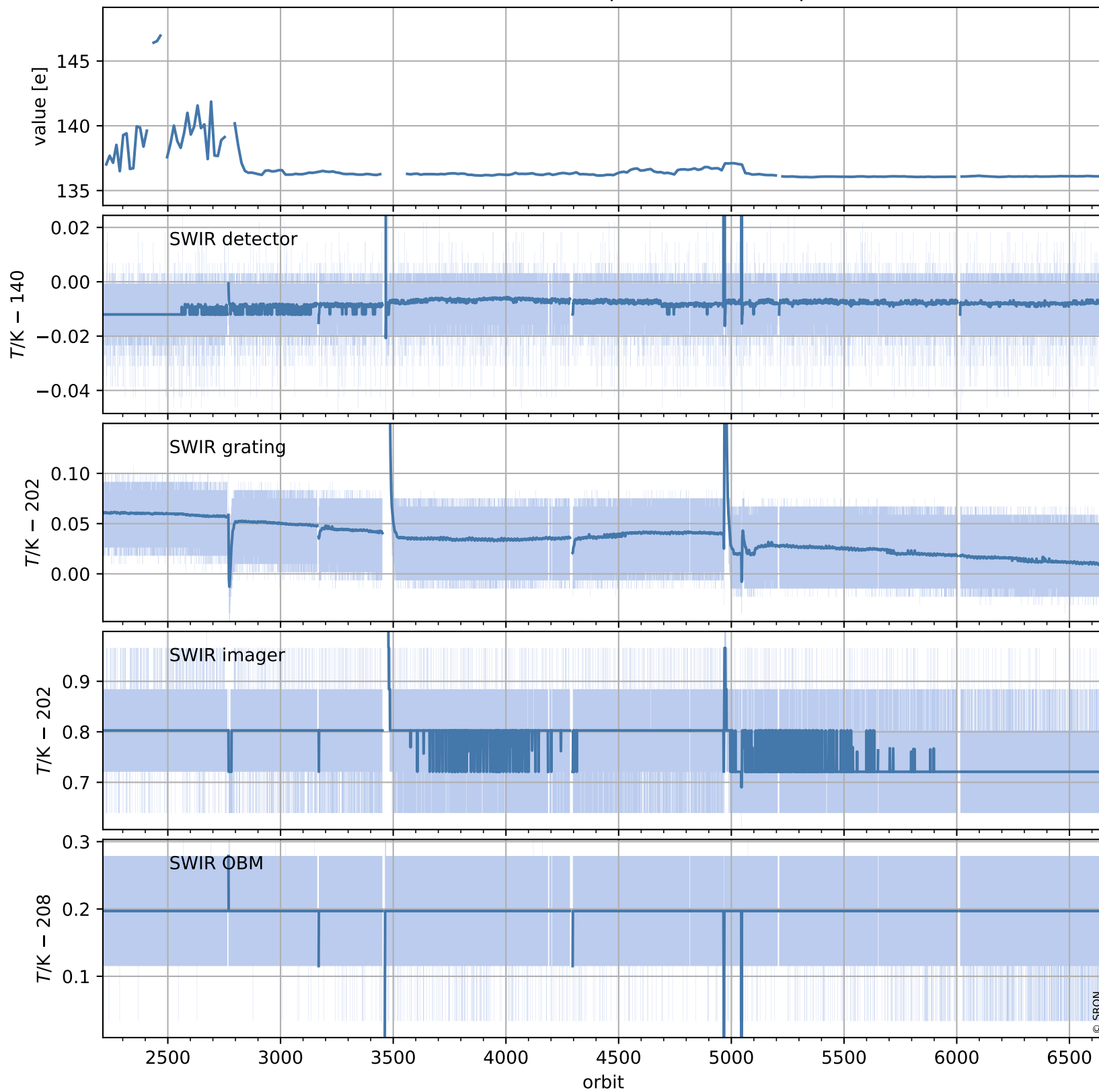
orbits : 12 in [6562, 6652]
coverage : 2019-01-19 / 2019-01-24
created : 2023-08-21T14:43:20



Tropomi SWIR background noise (swir)

orbits : [2212, 6652]
coverage : 2018-03-18 / 2019-01-24
created : 2023-08-21T14:43:21

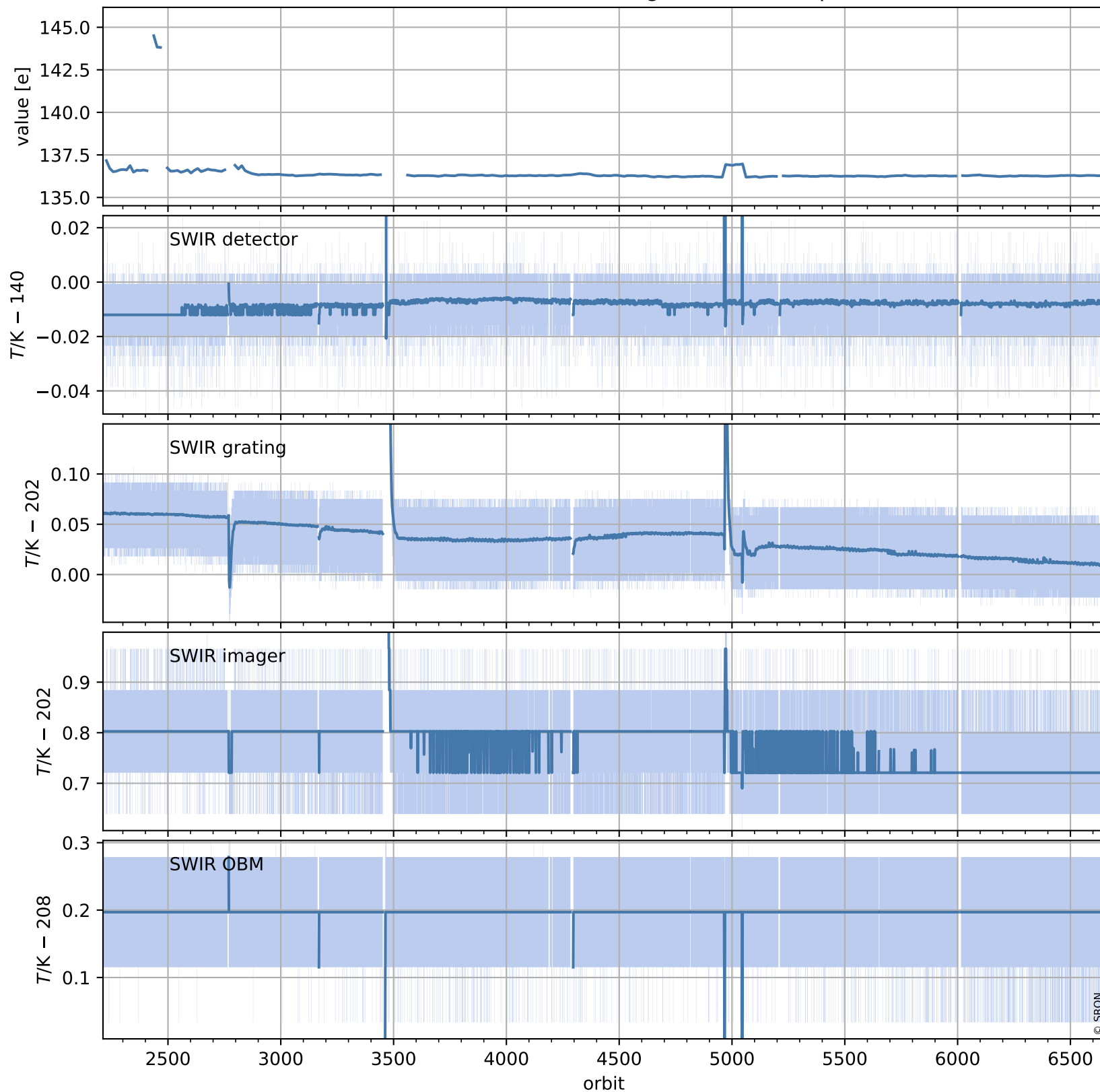
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6652]
coverage : 2018-03-18 / 2019-01-24
created : 2023-08-21T14:43:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6652]
coverage : 2018-03-18 / 2019-01-24
created : 2023-08-21T14:43:22

trend of normalized read-noise & temperatures

