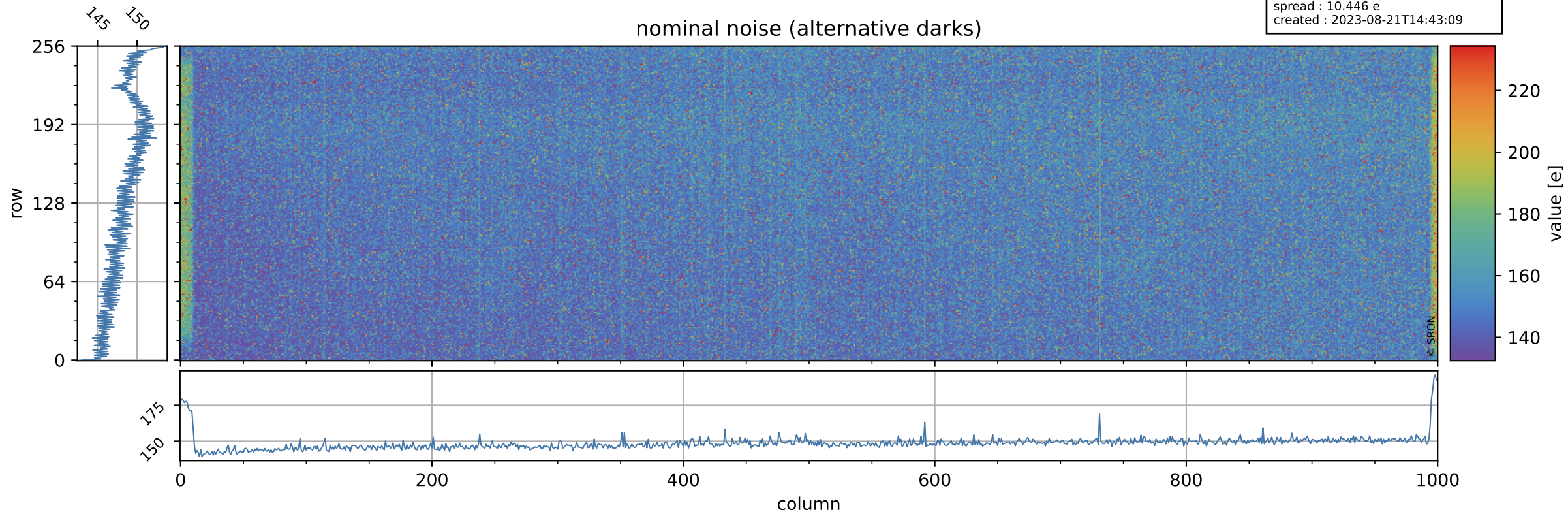


Tropomi SWIR background noise (swir)

orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.446 e
created : 2023-08-21T14:43:09

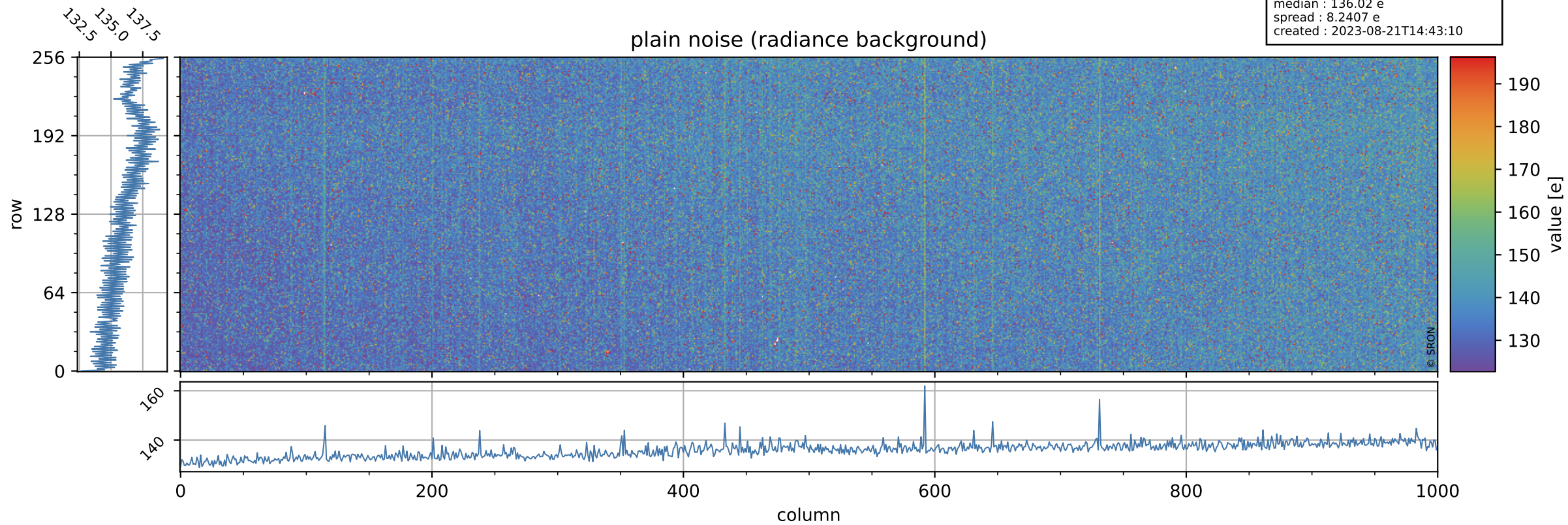
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2407 e
created : 2023-08-21T14:43:10

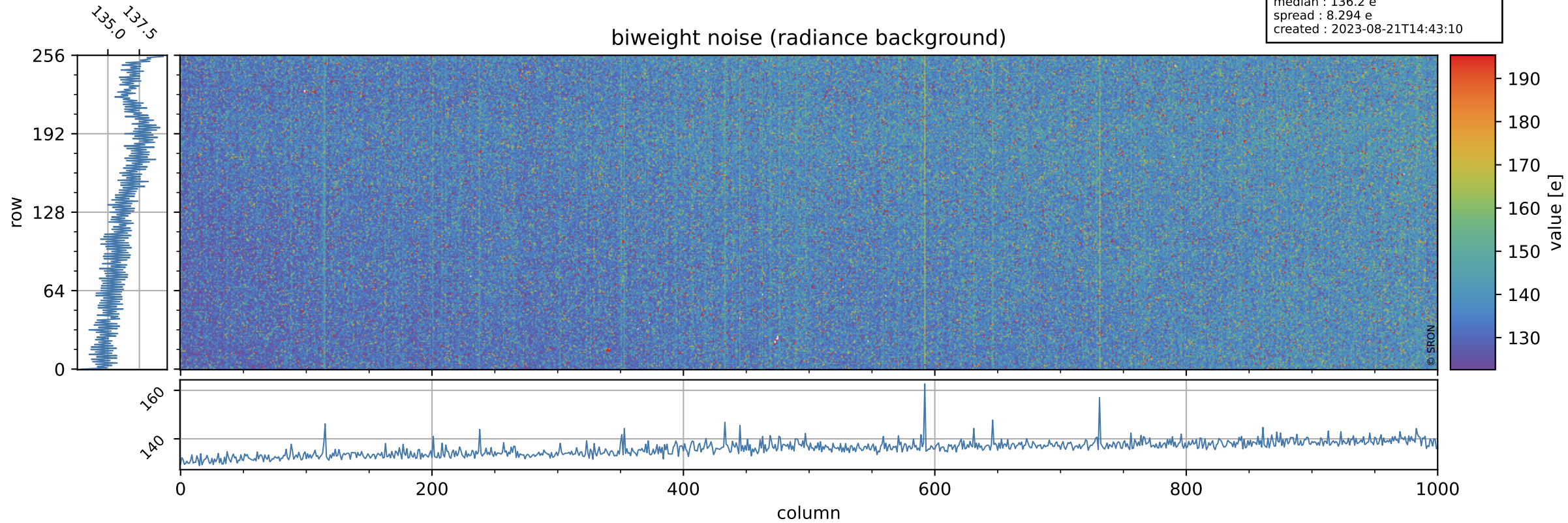
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.294 e
created : 2023-08-21T14:43:10

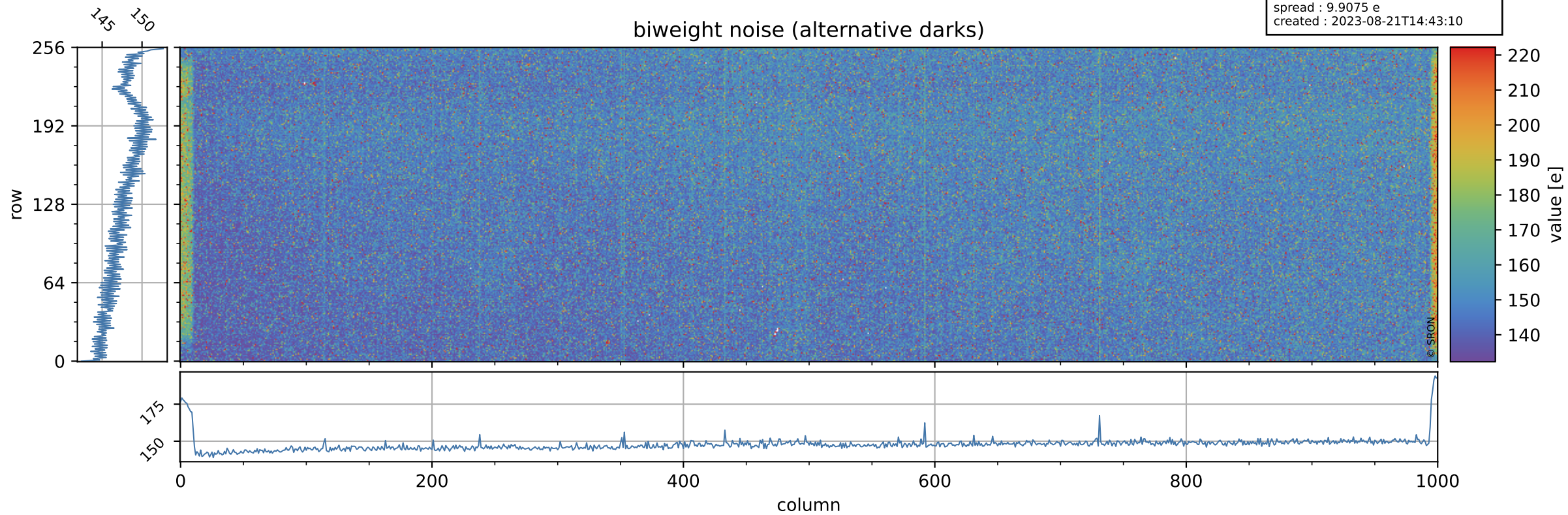
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9075 e
created : 2023-08-21T14:43:10

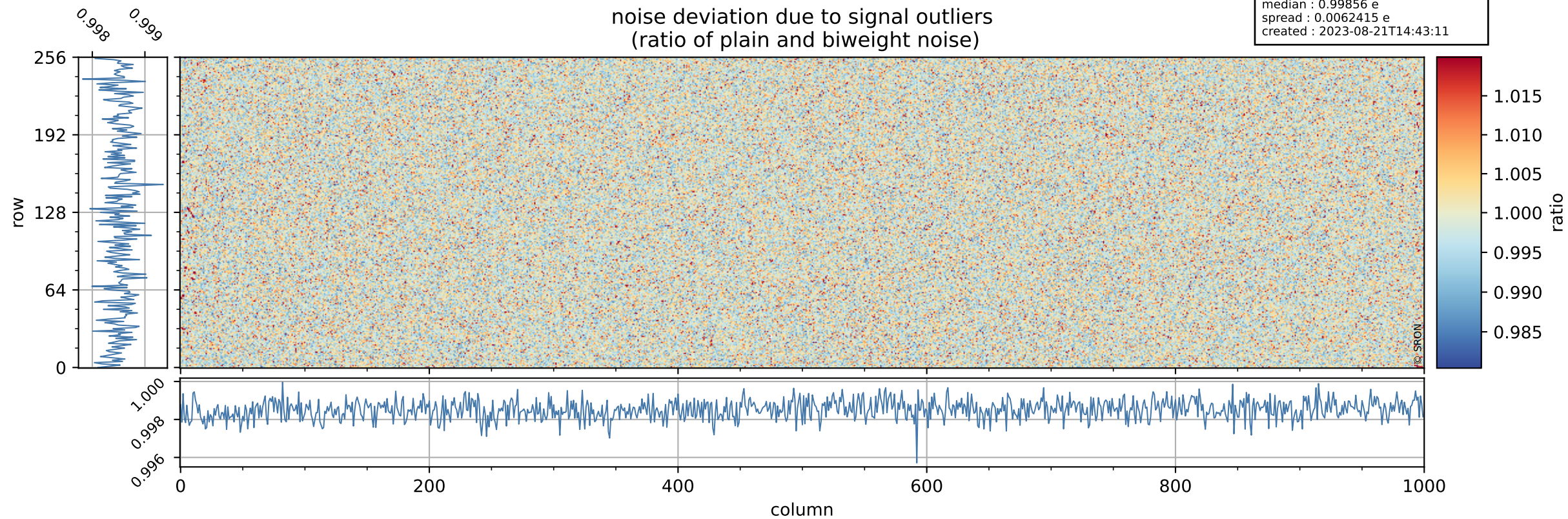
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

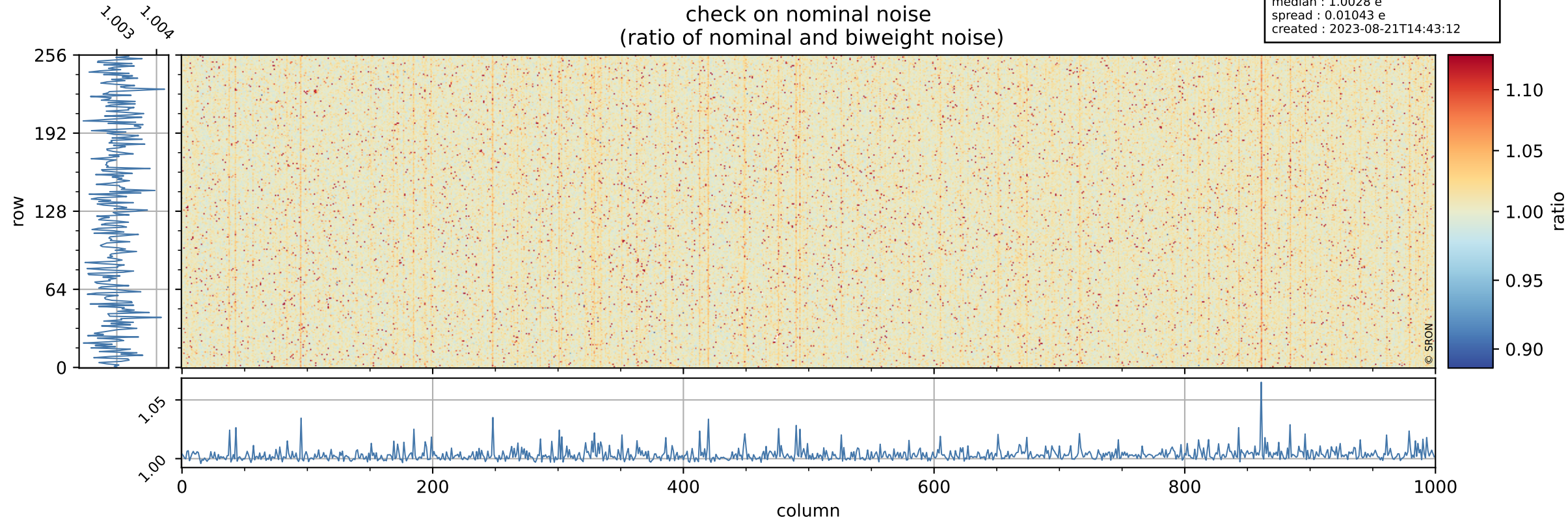
orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
median : 0.99856 e
spread : 0.0062415 e
created : 2023-08-21T14:43:11



Tropomi SWIR background noise (swir)

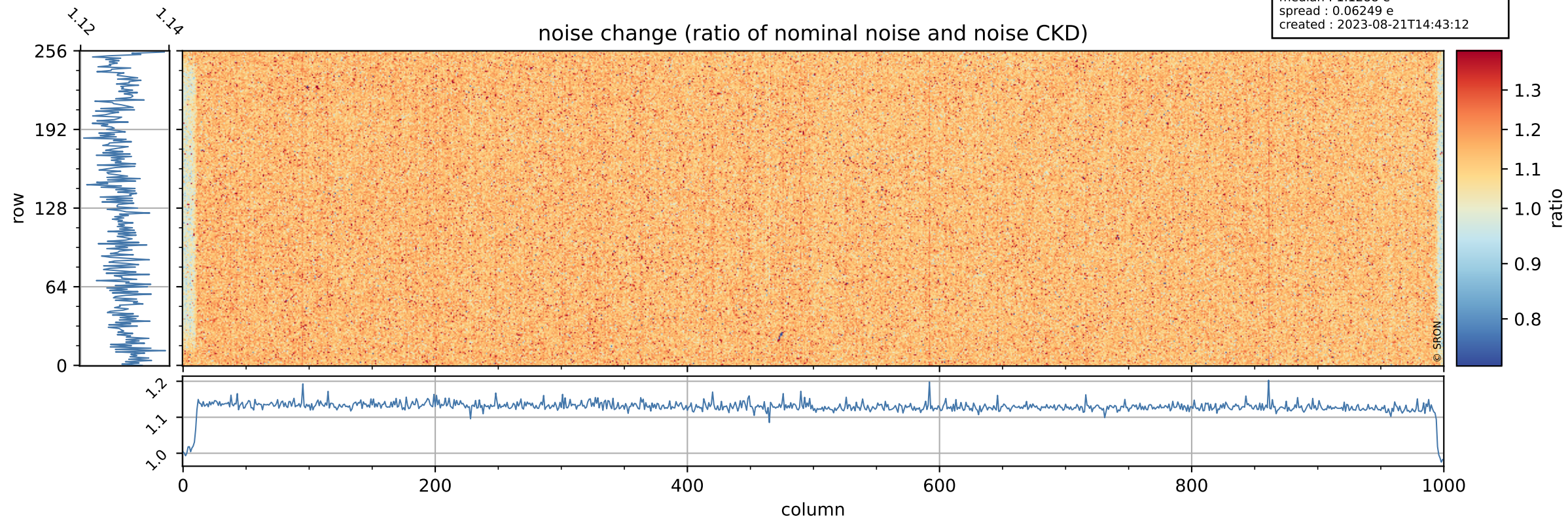
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
median : 1.0028 e
spread : 0.01043 e
created : 2023-08-21T14:43:12



Tropomi SWIR background noise (swir)

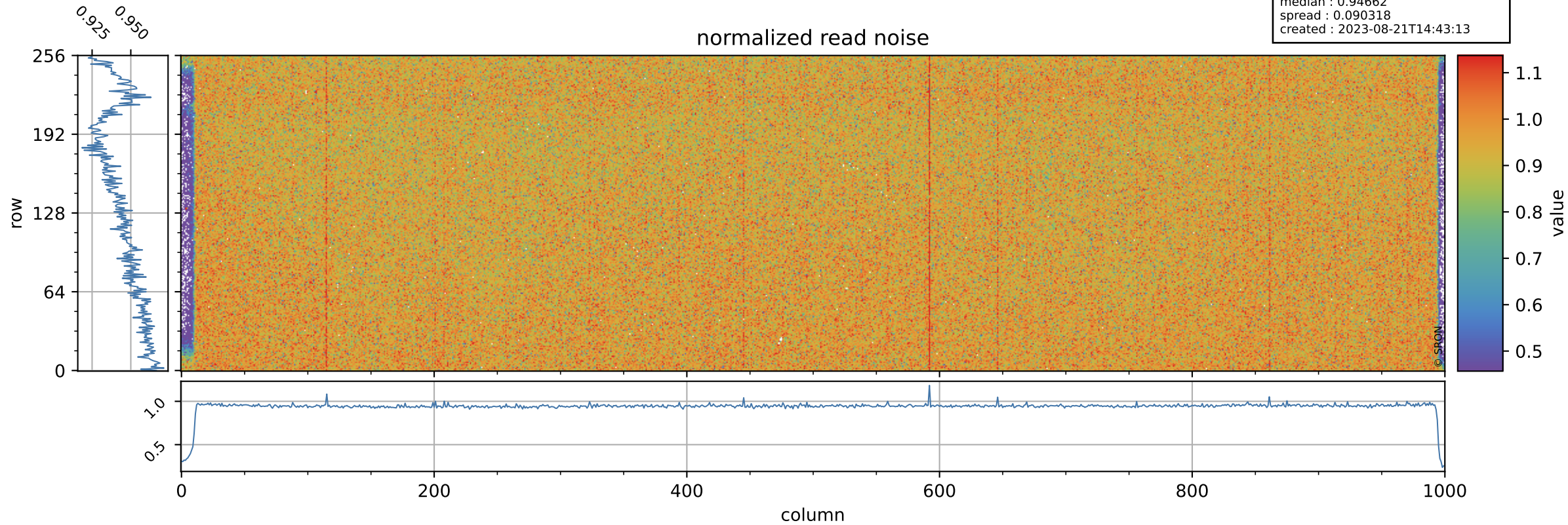
orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
median : 1.1288 e
spread : 0.06249 e
created : 2023-08-21T14:43:12



Tropomi SWIR background noise (swir)

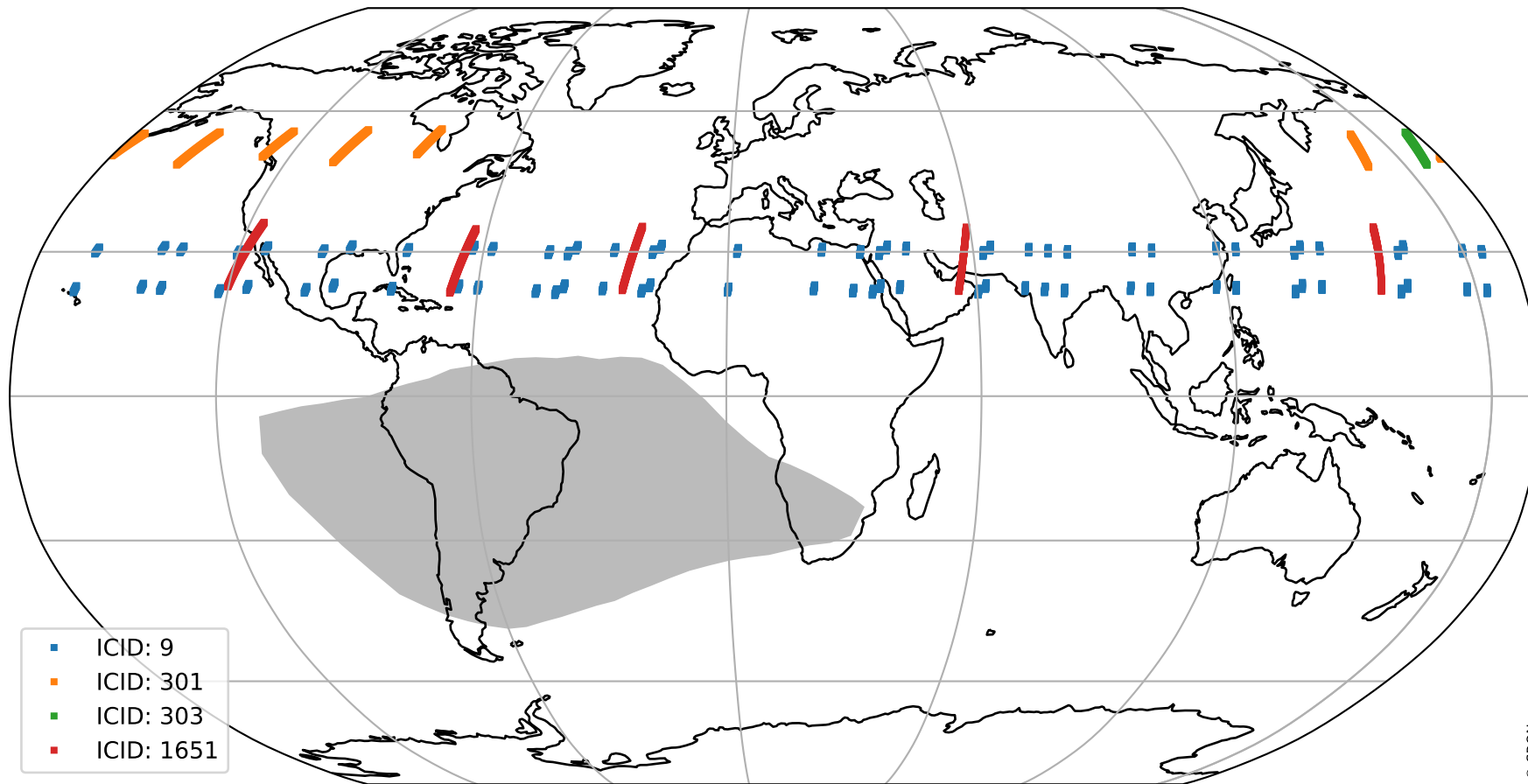
orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
median : 0.94662
spread : 0.090318
created : 2023-08-21T14:43:13

normalized read noise



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

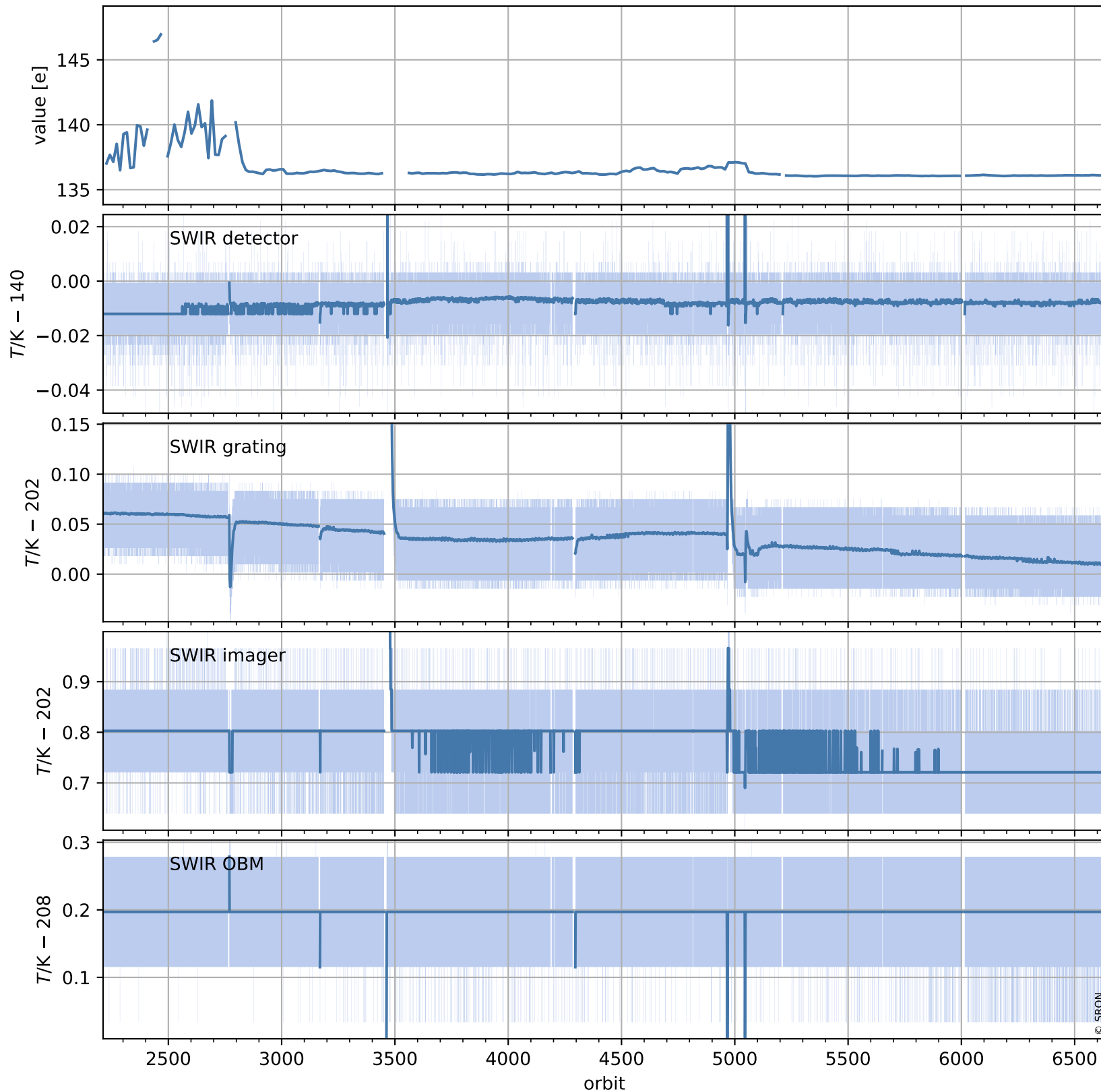
orbits : 12 in [6547, 6637]
coverage : 2019-01-18 / 2019-01-24
created : 2023-08-21T14:43:13



Tropomi SWIR background noise (swir)

orbits : [2212, 6637]
coverage : 2018-03-18 / 2019-01-24
created : 2023-08-21T14:43:13

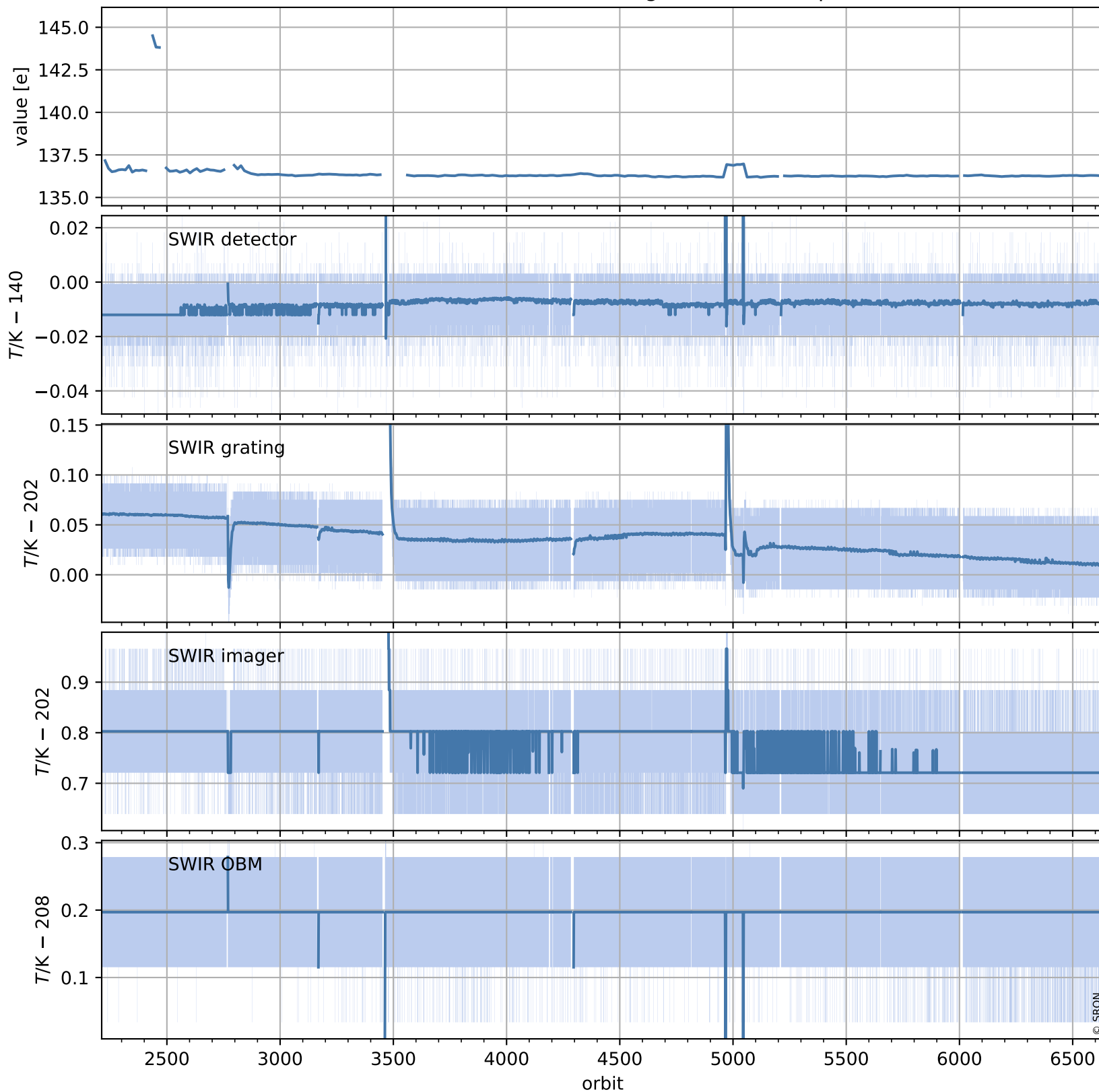
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6637]
coverage : 2018-03-18 / 2019-01-24
created : 2023-08-21T14:43:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6637]
coverage : 2018-03-18 / 2019-01-24
created : 2023-08-21T14:43:15

trend of normalized read-noise & temperatures

