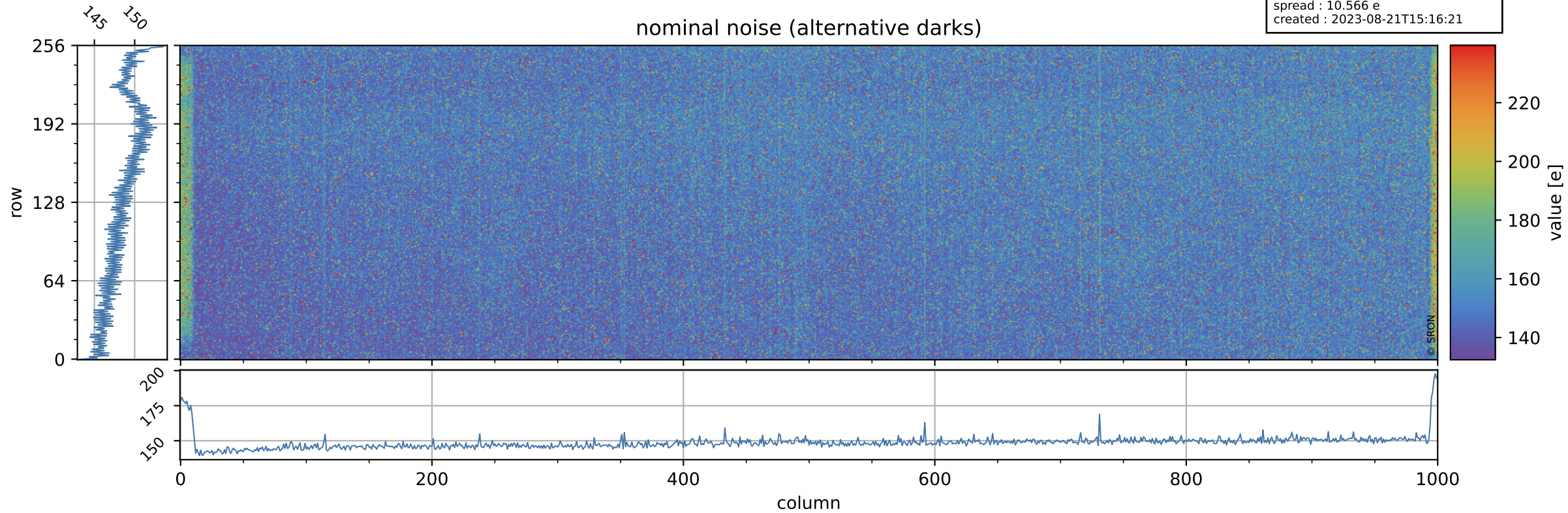


Tropomi SWIR background noise (swir)

orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.566 e
created : 2023-08-21T15:16:21

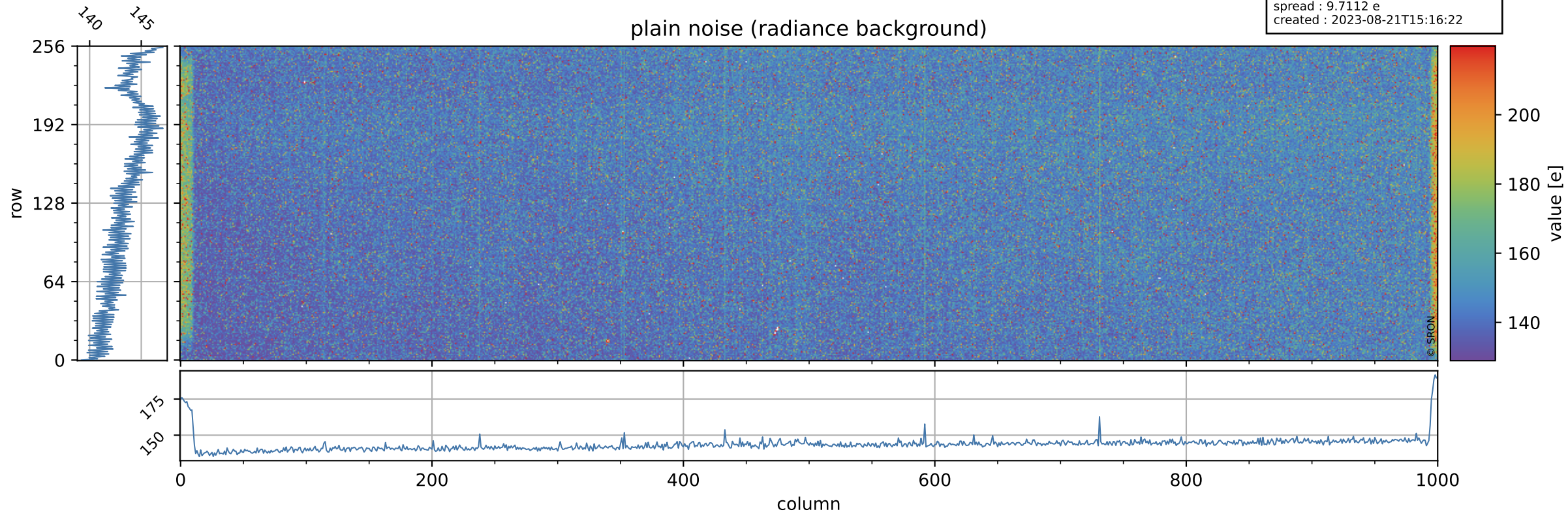
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7112 e
created : 2023-08-21T15:16:22

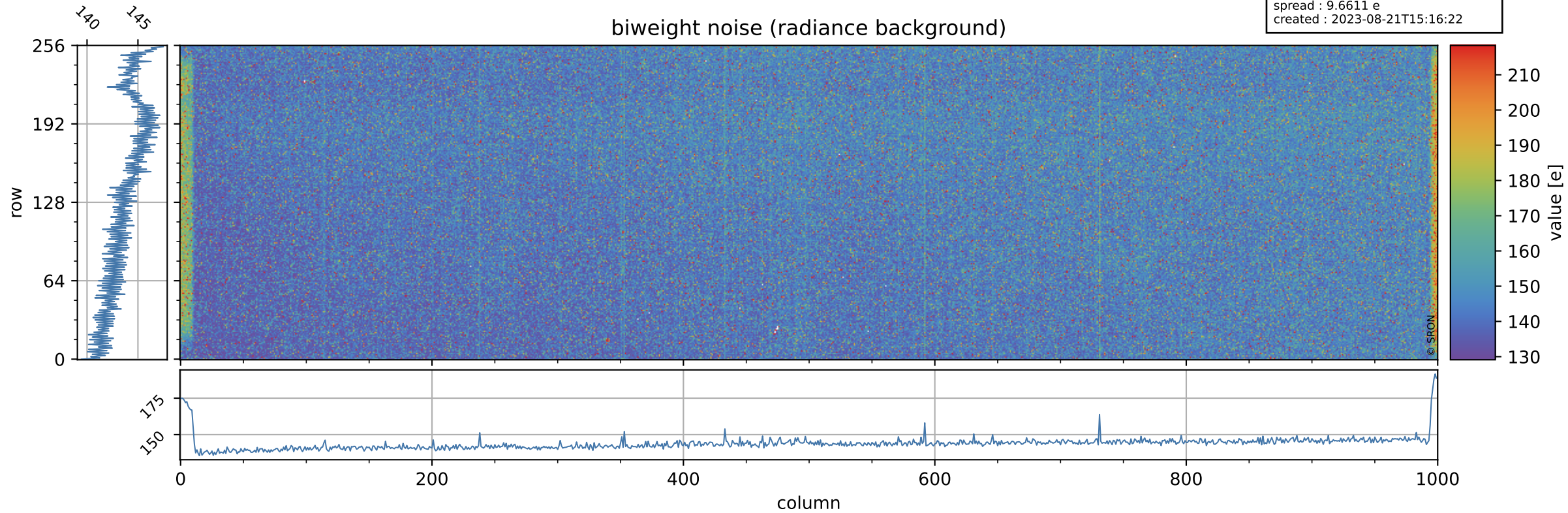
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6611 e
created : 2023-08-21T15:16:22

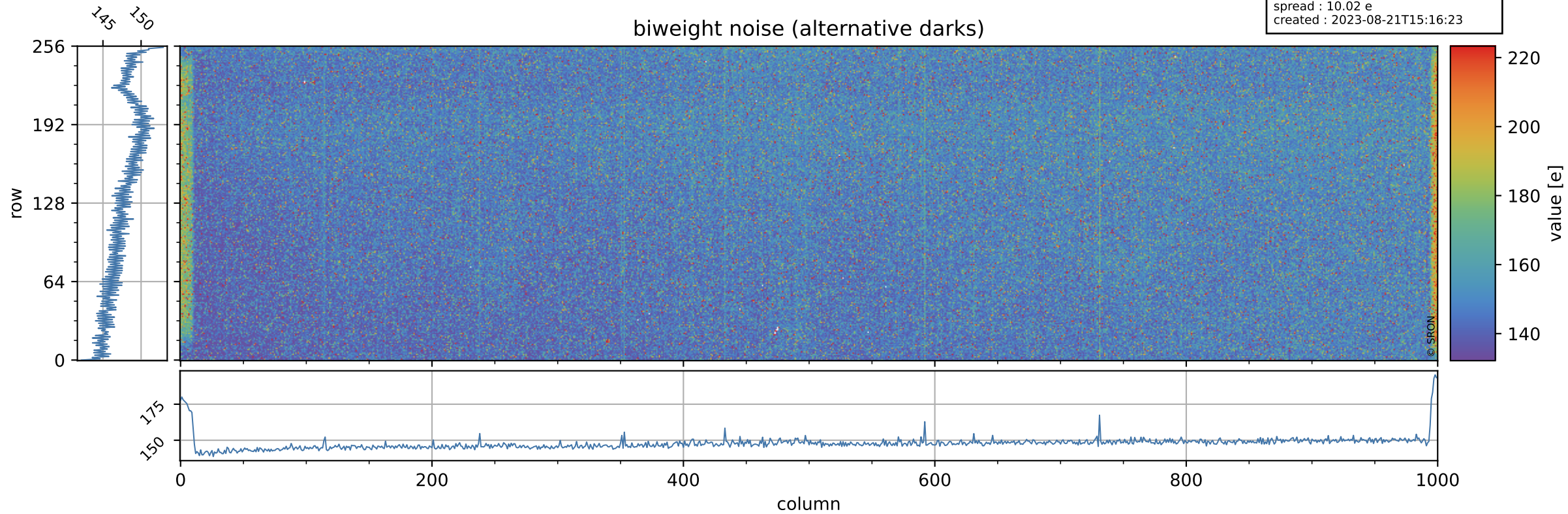
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.02 e
created : 2023-08-21T15:16:23

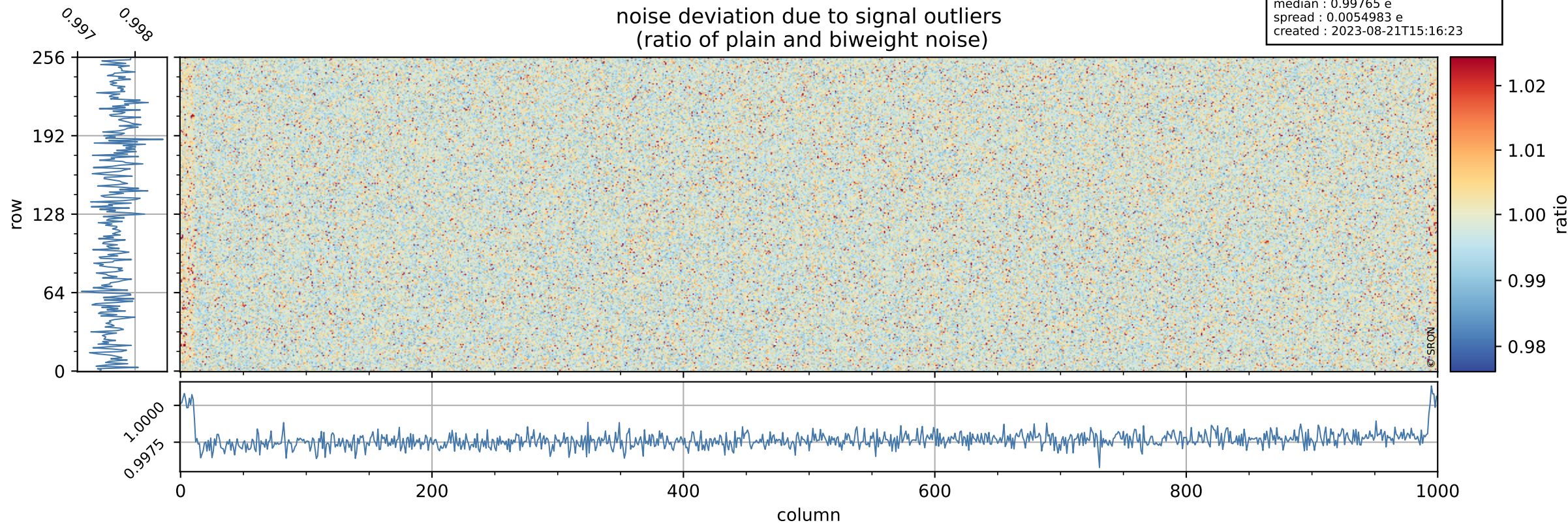
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

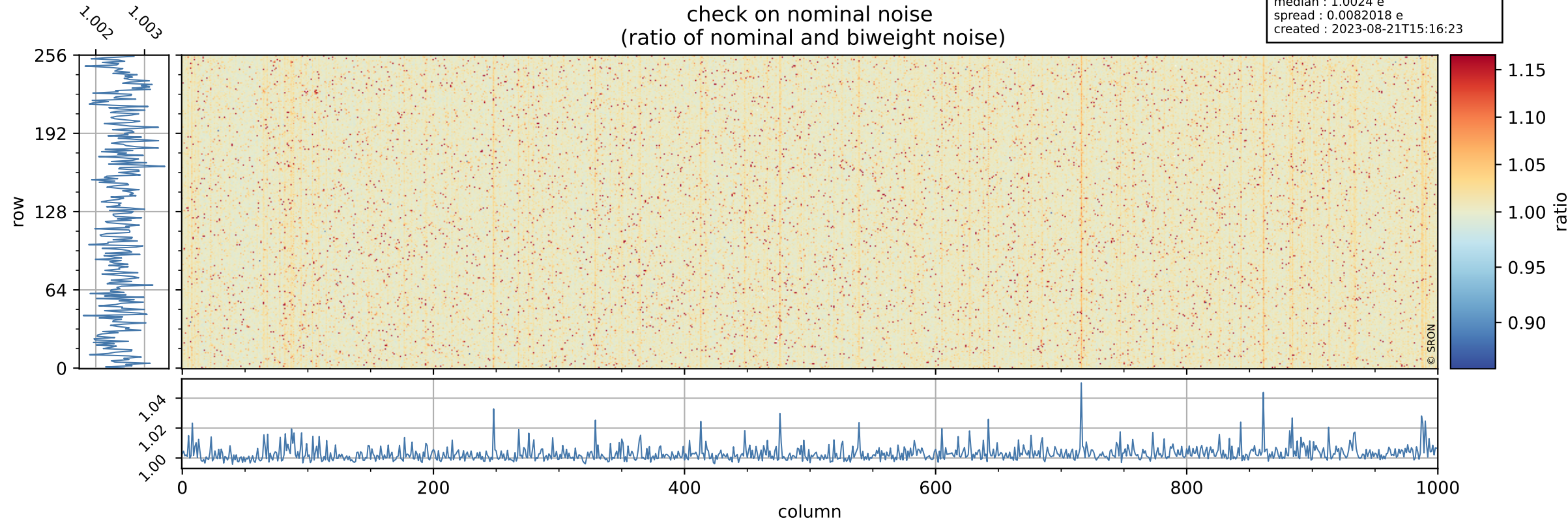
orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
median : 0.99765 e
spread : 0.0054983 e
created : 2023-08-21T15:16:23



Tropomi SWIR background noise (swir)

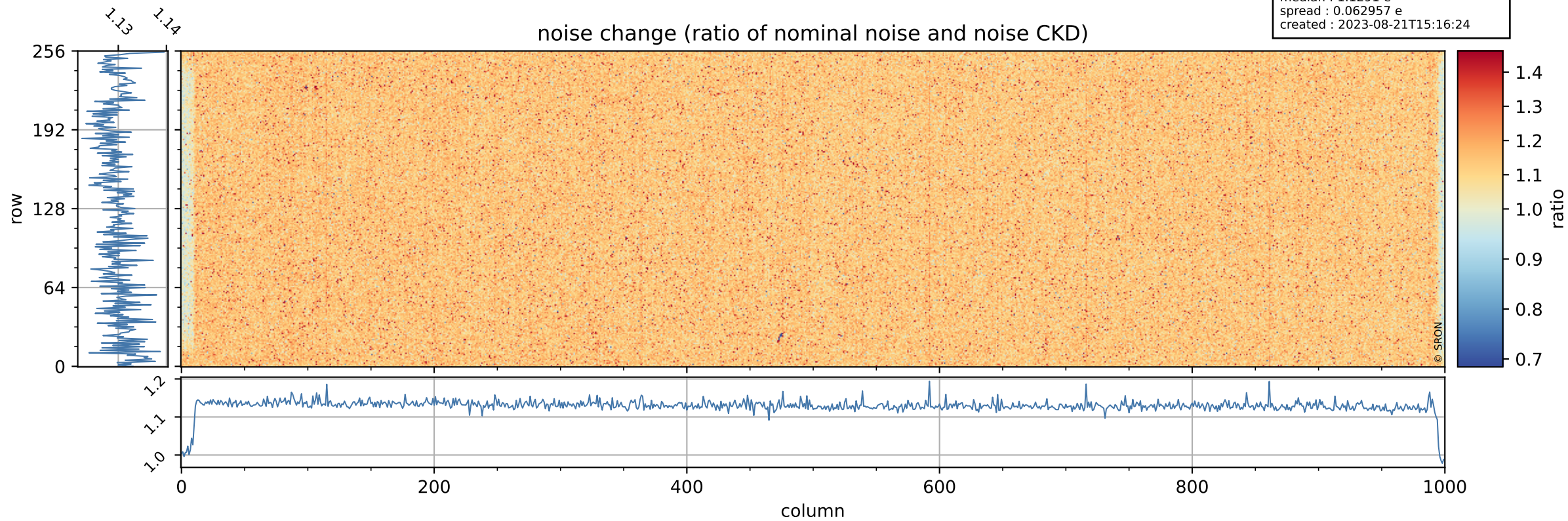
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
median : 1.0024 e
spread : 0.0082018 e
created : 2023-08-21T15:16:23



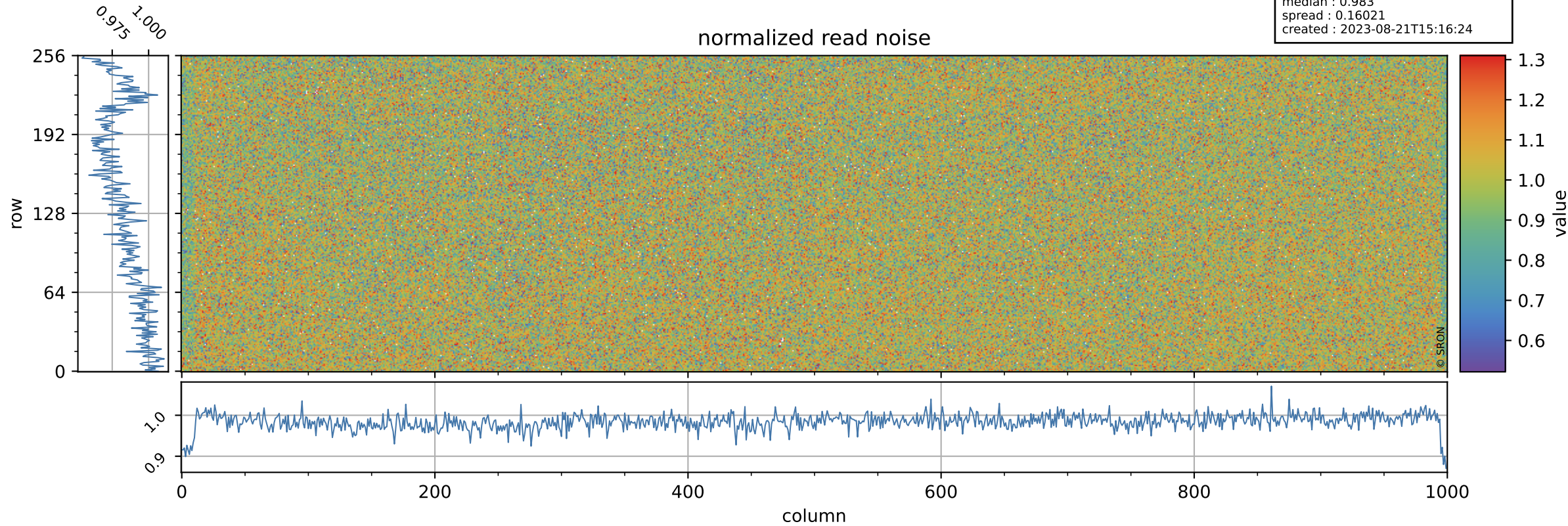
Tropomi SWIR background noise (swir)

orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
median : 1.1291 e
spread : 0.062957 e
created : 2023-08-21T15:16:24



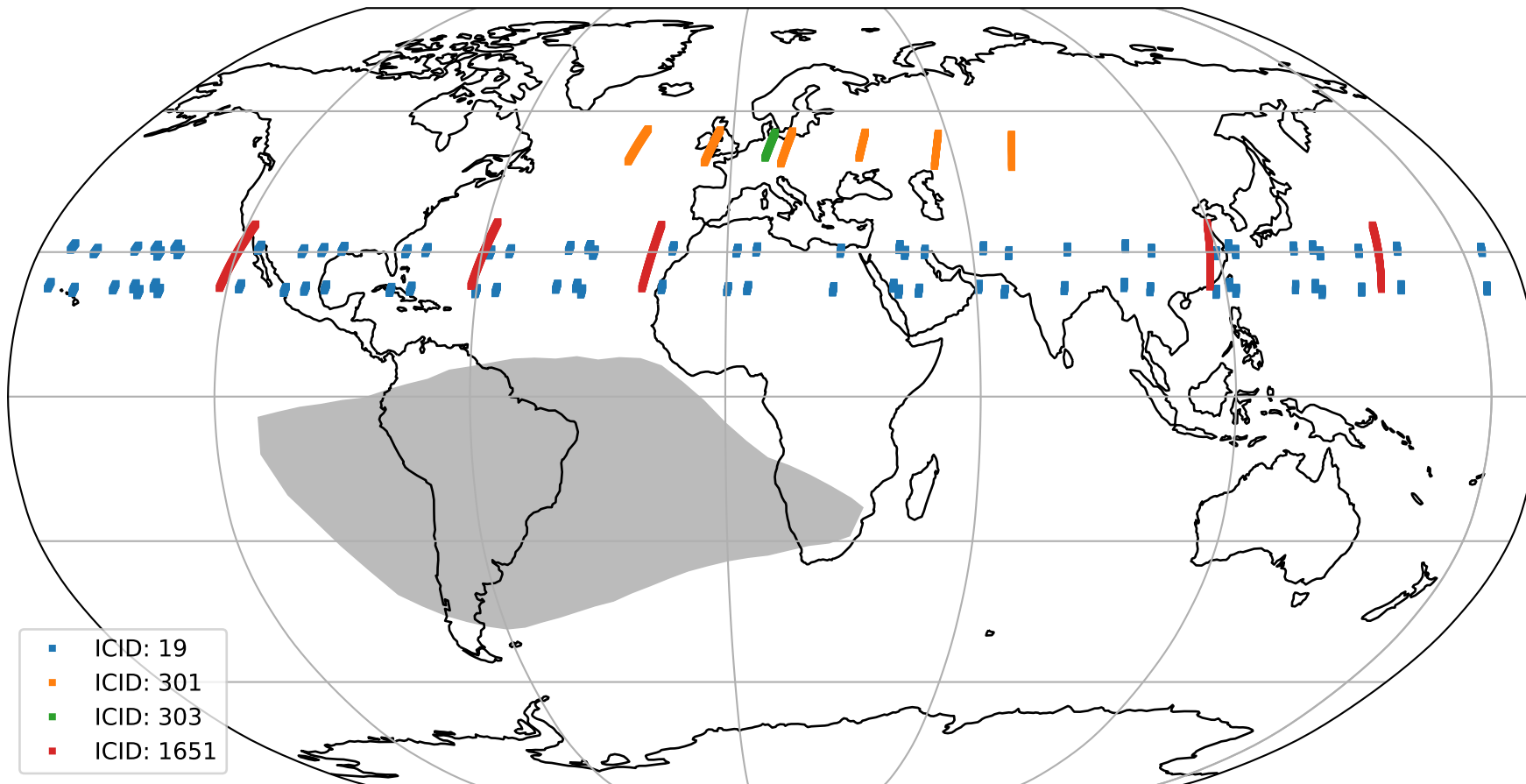
Tropomi SWIR background noise (swir)

orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
median : 0.983
spread : 0.16021
created : 2023-08-21T15:16:24



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

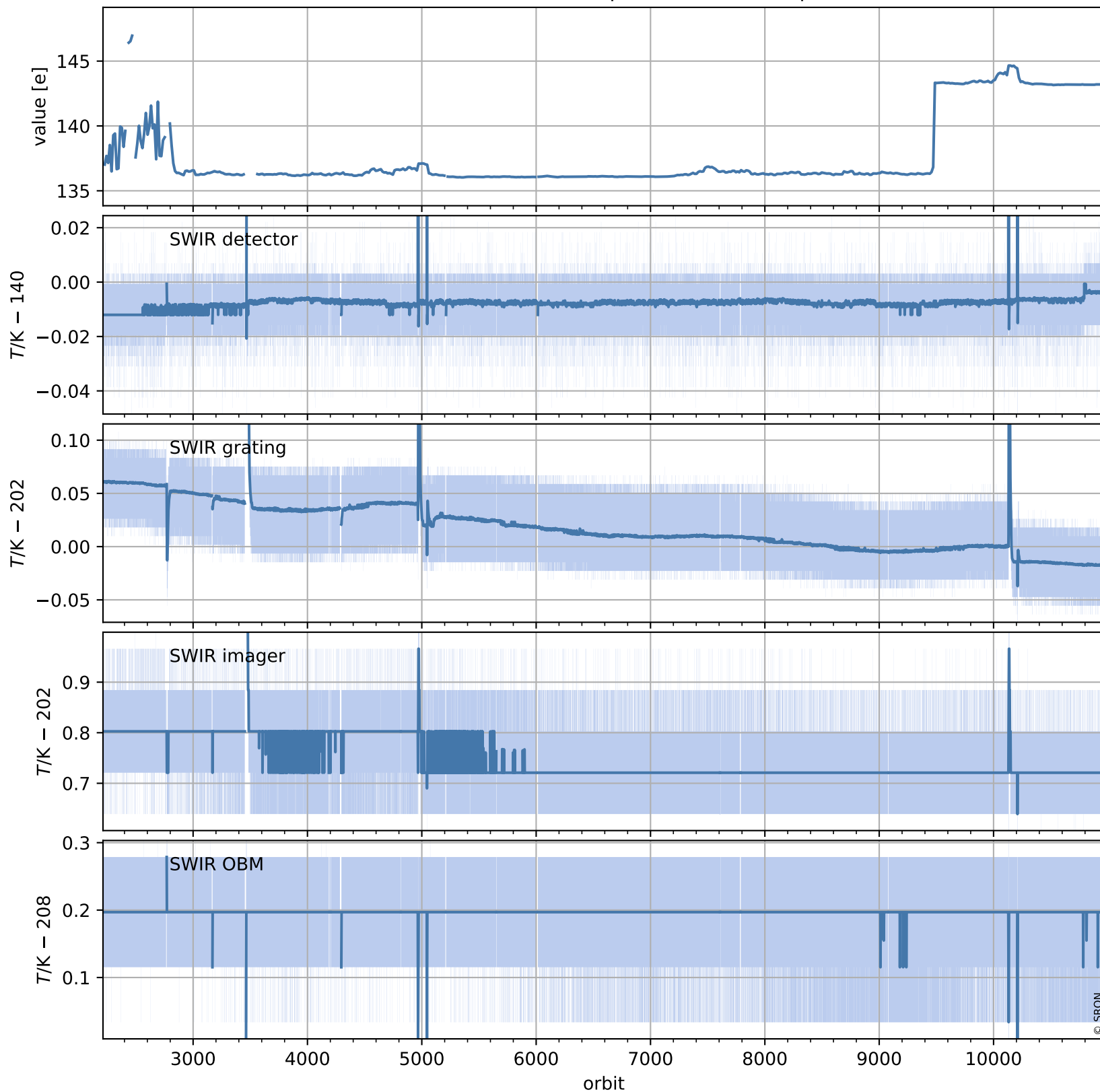
orbits : 12 in [10882, 10972]
coverage : 2019-11-19 / 2019-11-25
created : 2023-08-21T15:16:24



Tropomi SWIR background noise (swir)

orbits : [2212, 10972]
coverage : 2018-03-18 / 2019-11-25
created : 2023-08-21T15:16:25

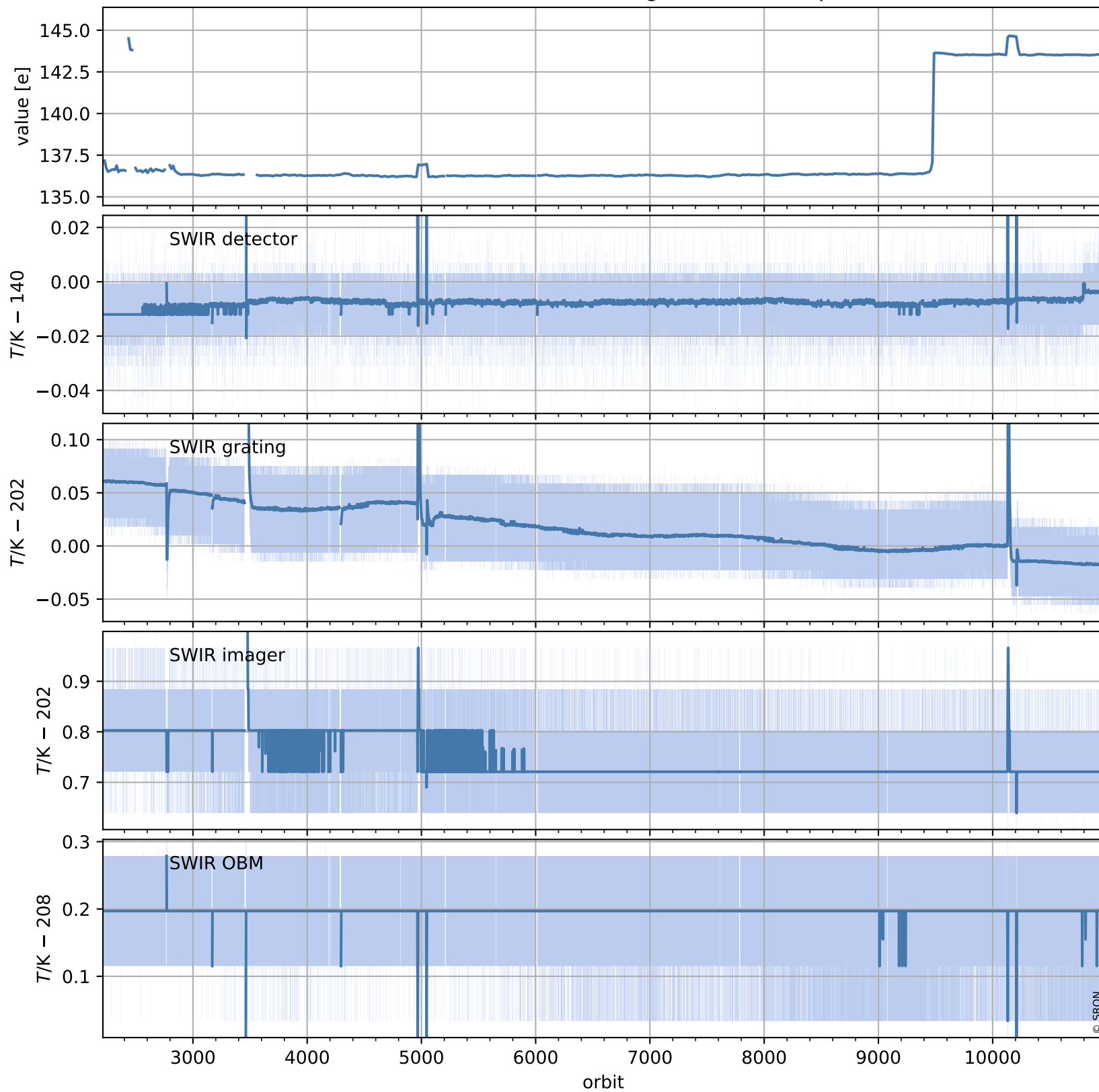
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10972]
coverage : 2018-03-18 / 2019-11-25
created : 2023-08-21T15:16:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10972]
coverage : 2018-03-18 / 2019-11-25
created : 2023-08-21T15:16:27

trend of normalized read-noise & temperatures

