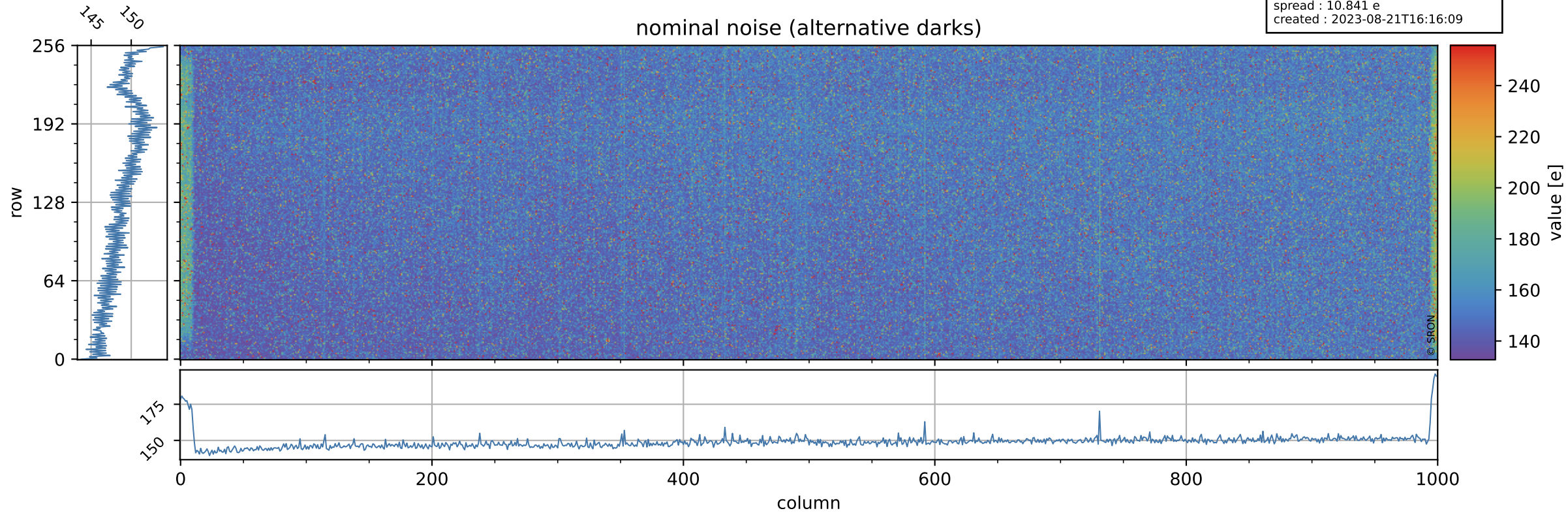


Tropomi SWIR background noise (swir)

orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.841 e
created : 2023-08-21T16:16:09

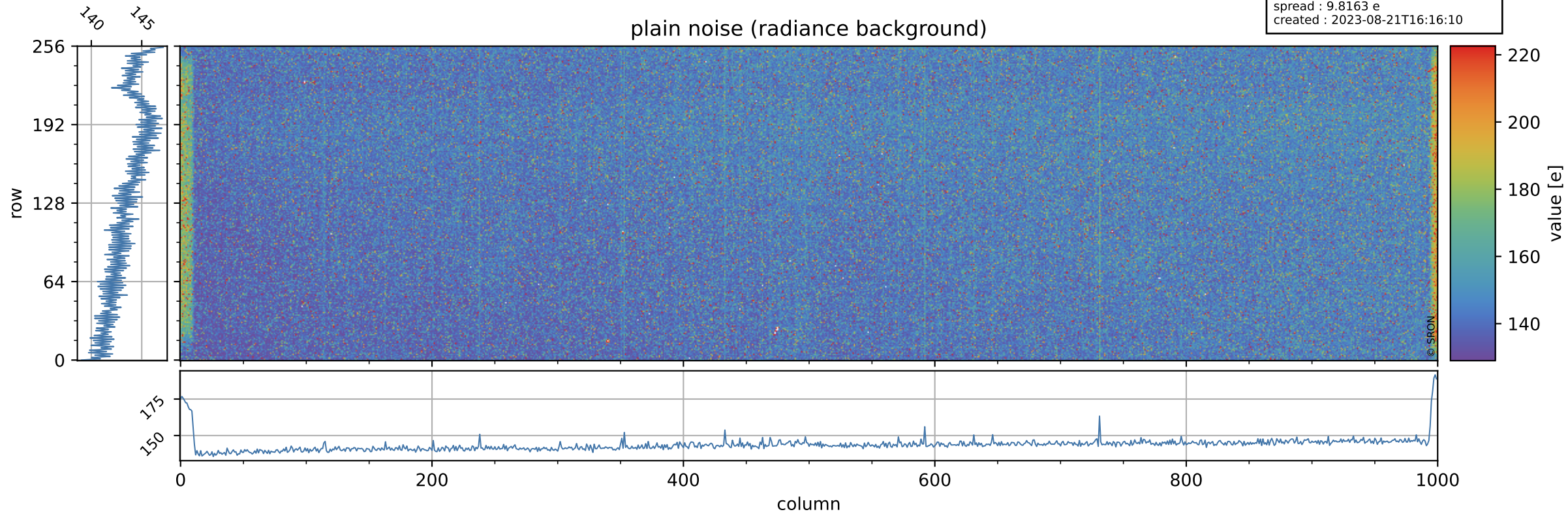
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8163 e
created : 2023-08-21T16:16:10

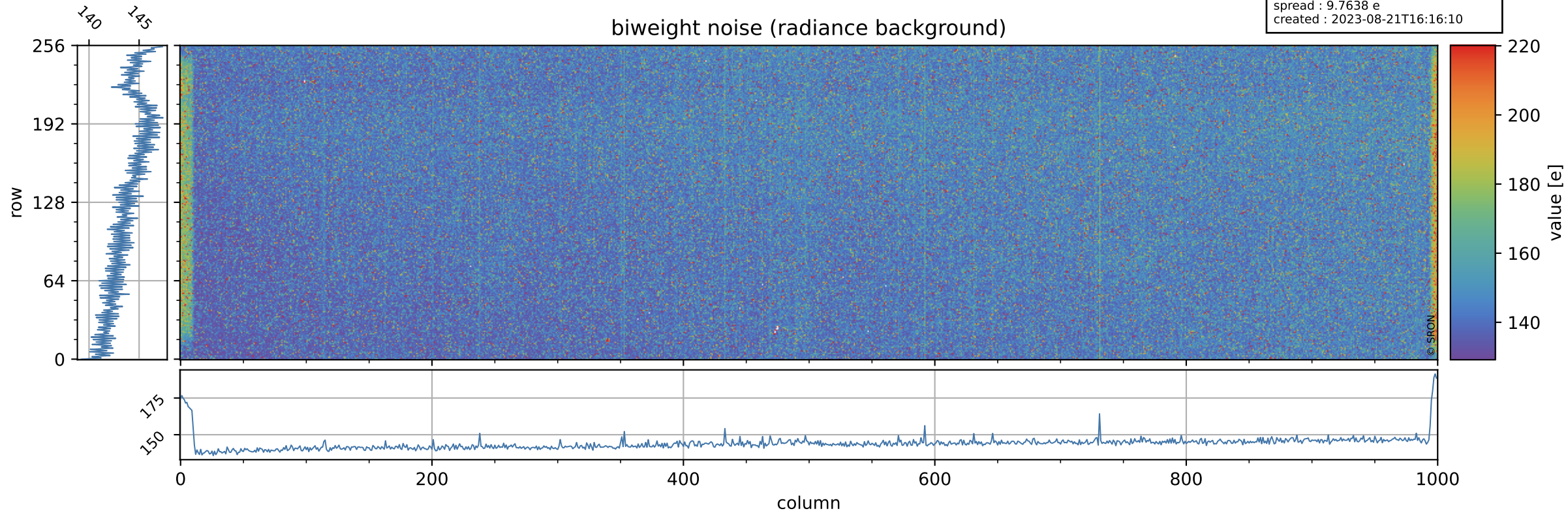
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7638 e
created : 2023-08-21T16:16:10

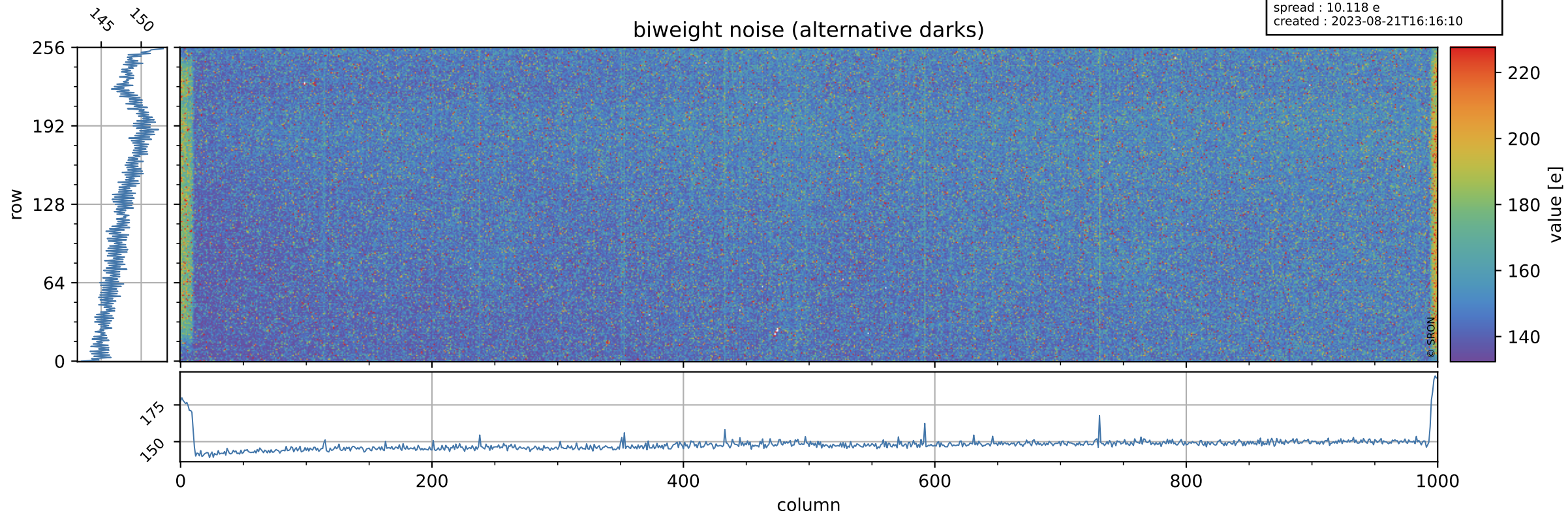
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.118 e
created : 2023-08-21T16:16:10

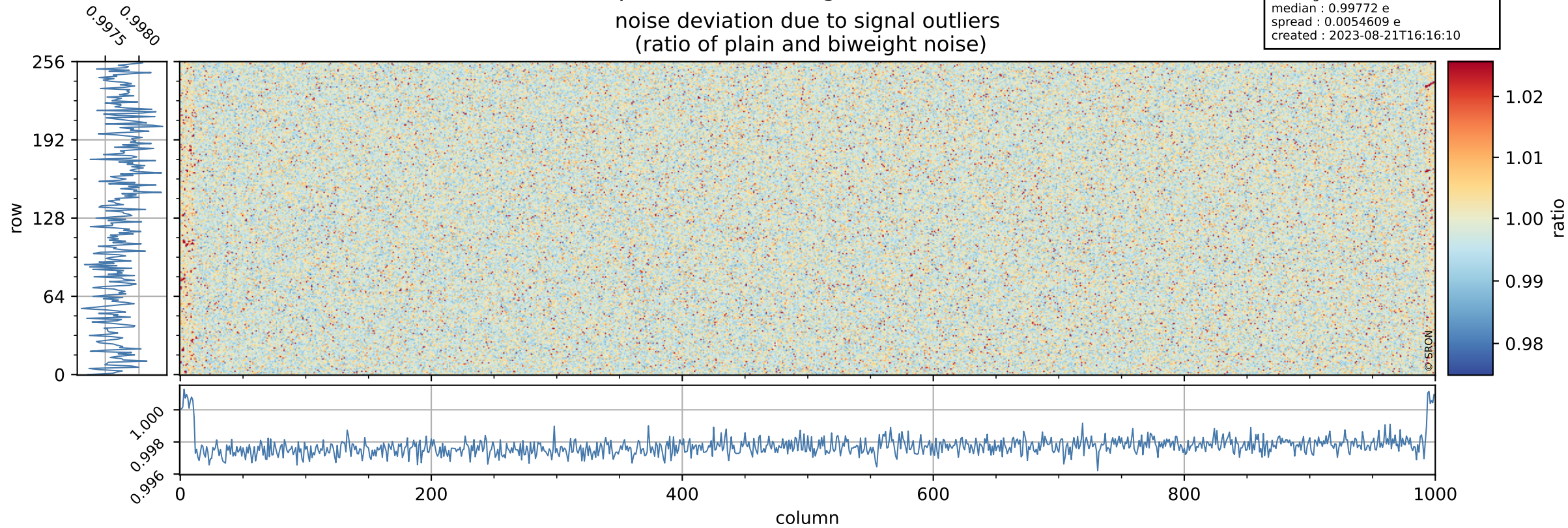
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

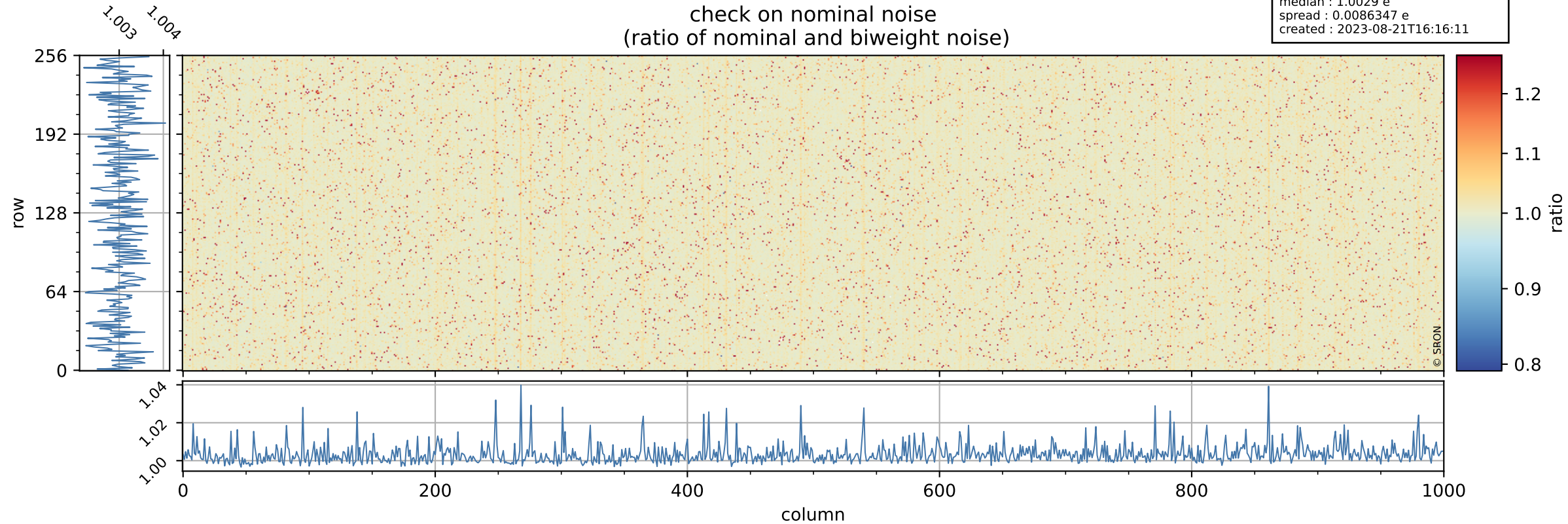
orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
median : 0.99772 e
spread : 0.0054609 e
created : 2023-08-21T16:16:10



Tropomi SWIR background noise (swir)

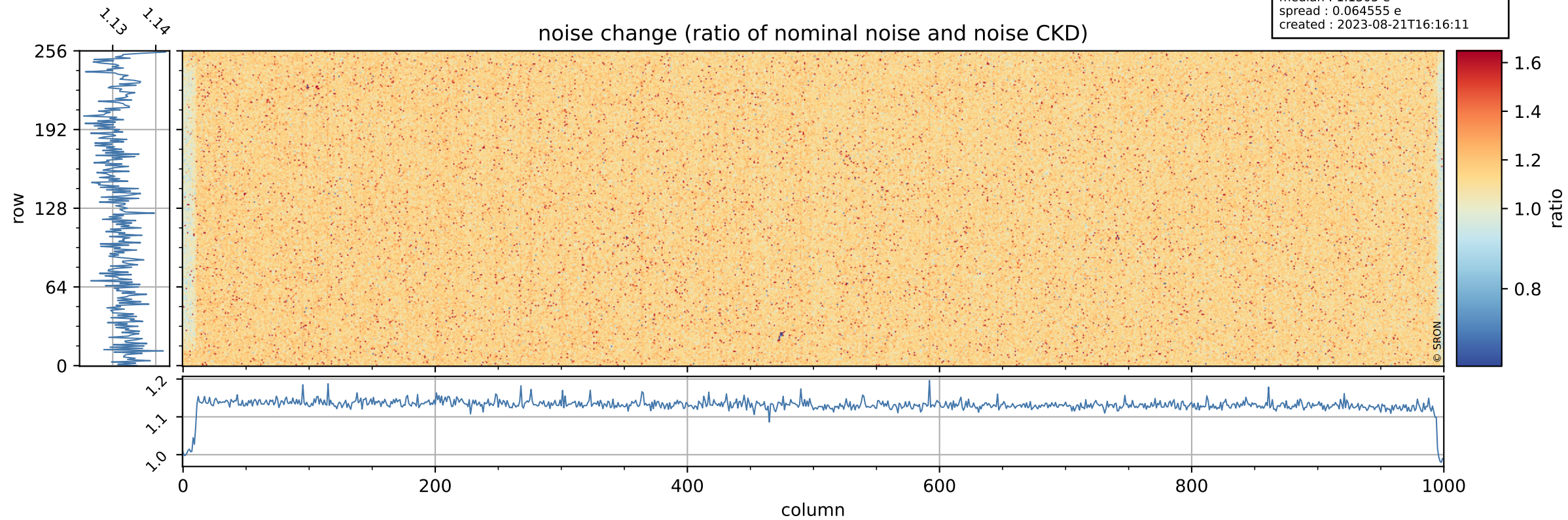
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
median : 1.0029 e
spread : 0.0086347 e
created : 2023-08-21T16:16:11



Tropomi SWIR background noise (swir)

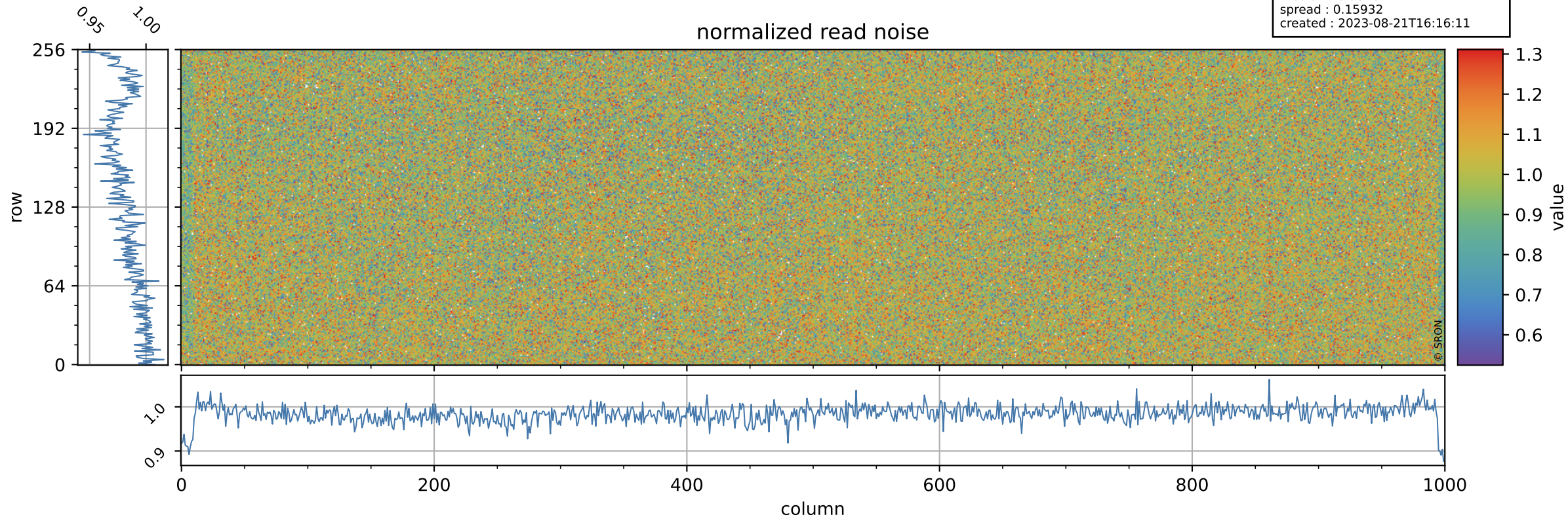
orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
median : 1.1305 e
spread : 0.064555 e
created : 2023-08-21T16:16:11



Tropomi SWIR background noise (swir)

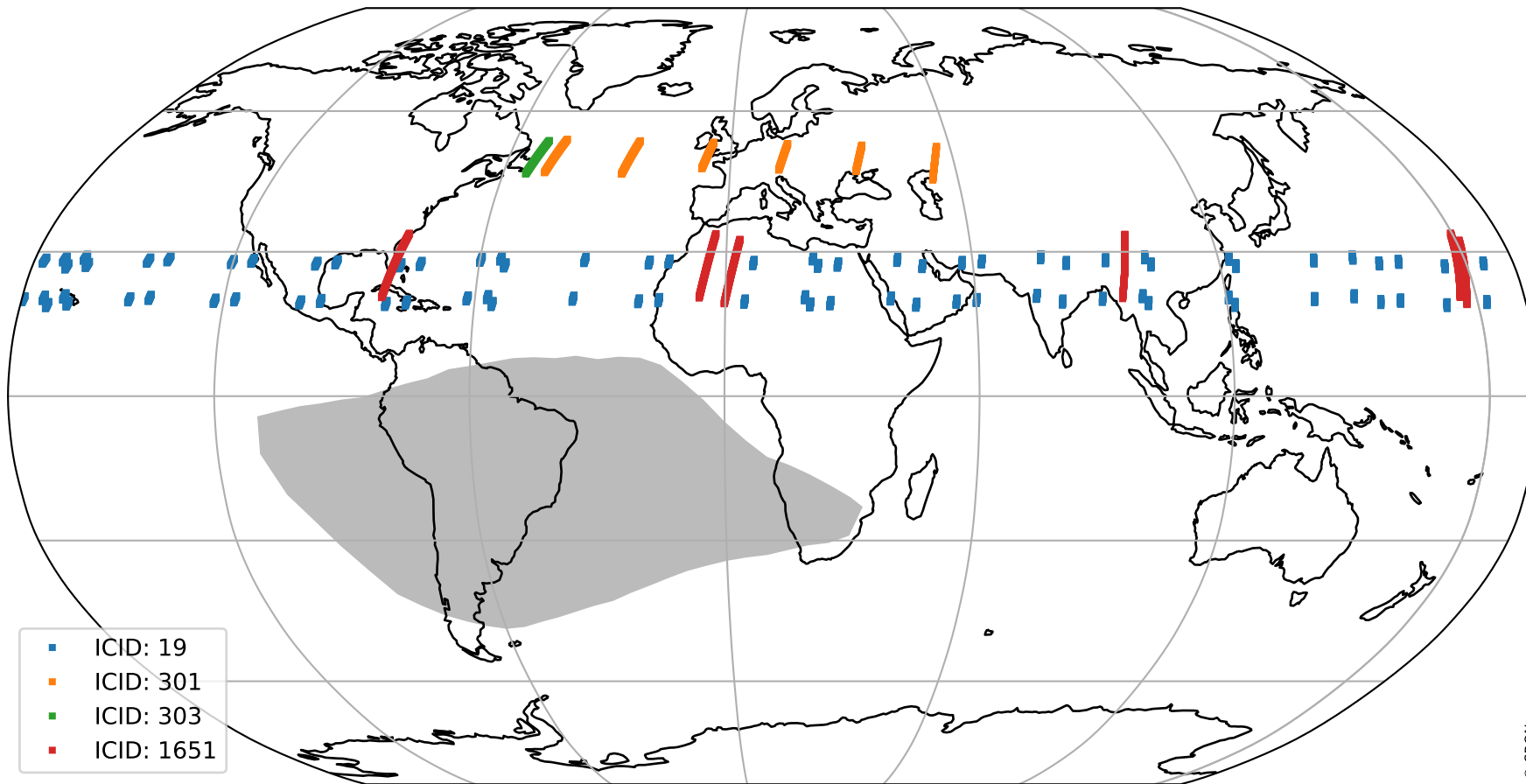
orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
median : 0.9826
spread : 0.15932
created : 2023-08-21T16:16:11

normalized read noise



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

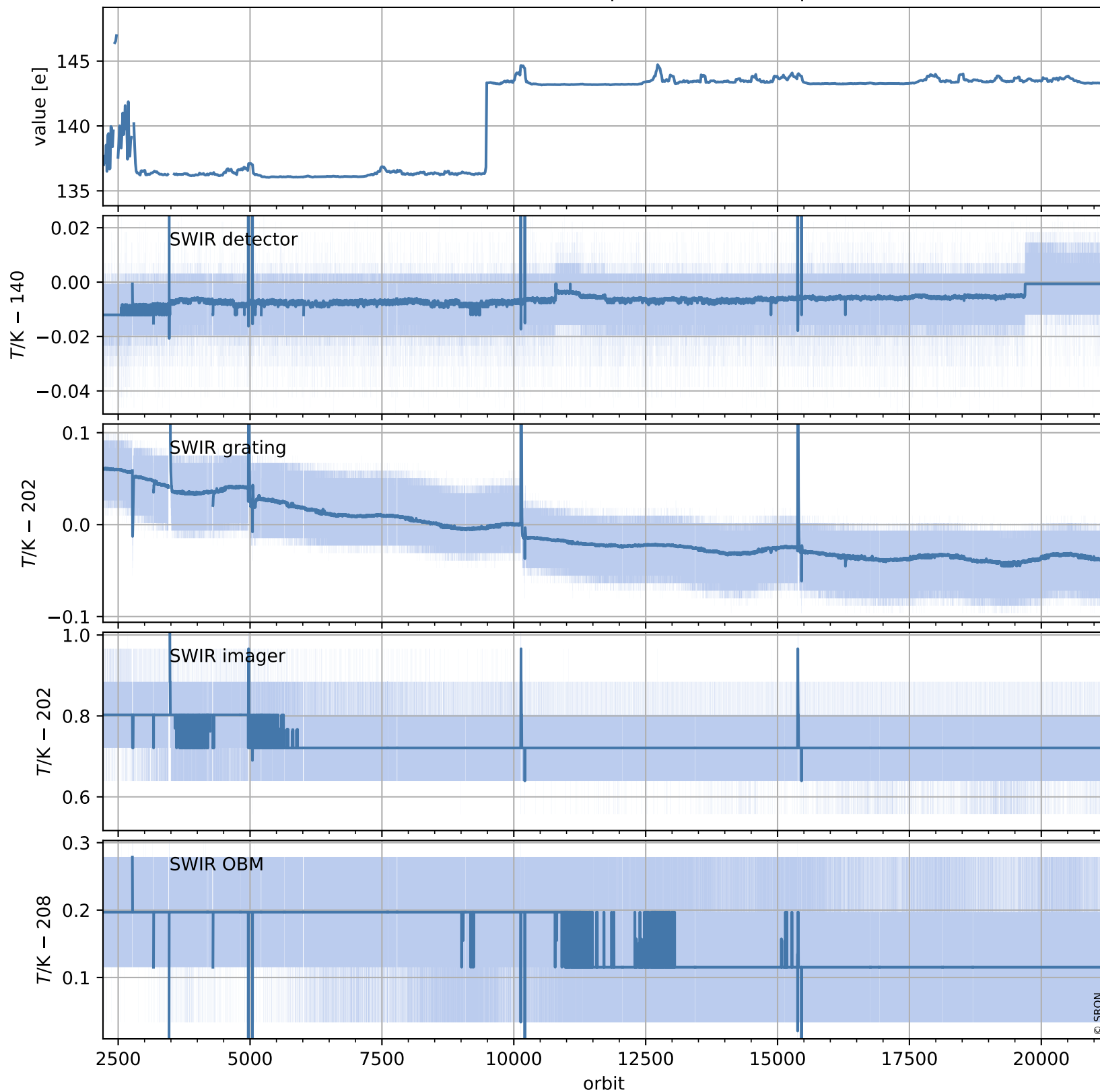
orbits : 13 in [21112, 21202]
coverage : 2021-11-09 / 2021-11-15
created : 2023-08-21T16:16:12



Tropomi SWIR background noise (swir)

orbits : [2212, 21202]
coverage : 2018-03-18 / 2021-11-15
created : 2023-08-21T16:16:12

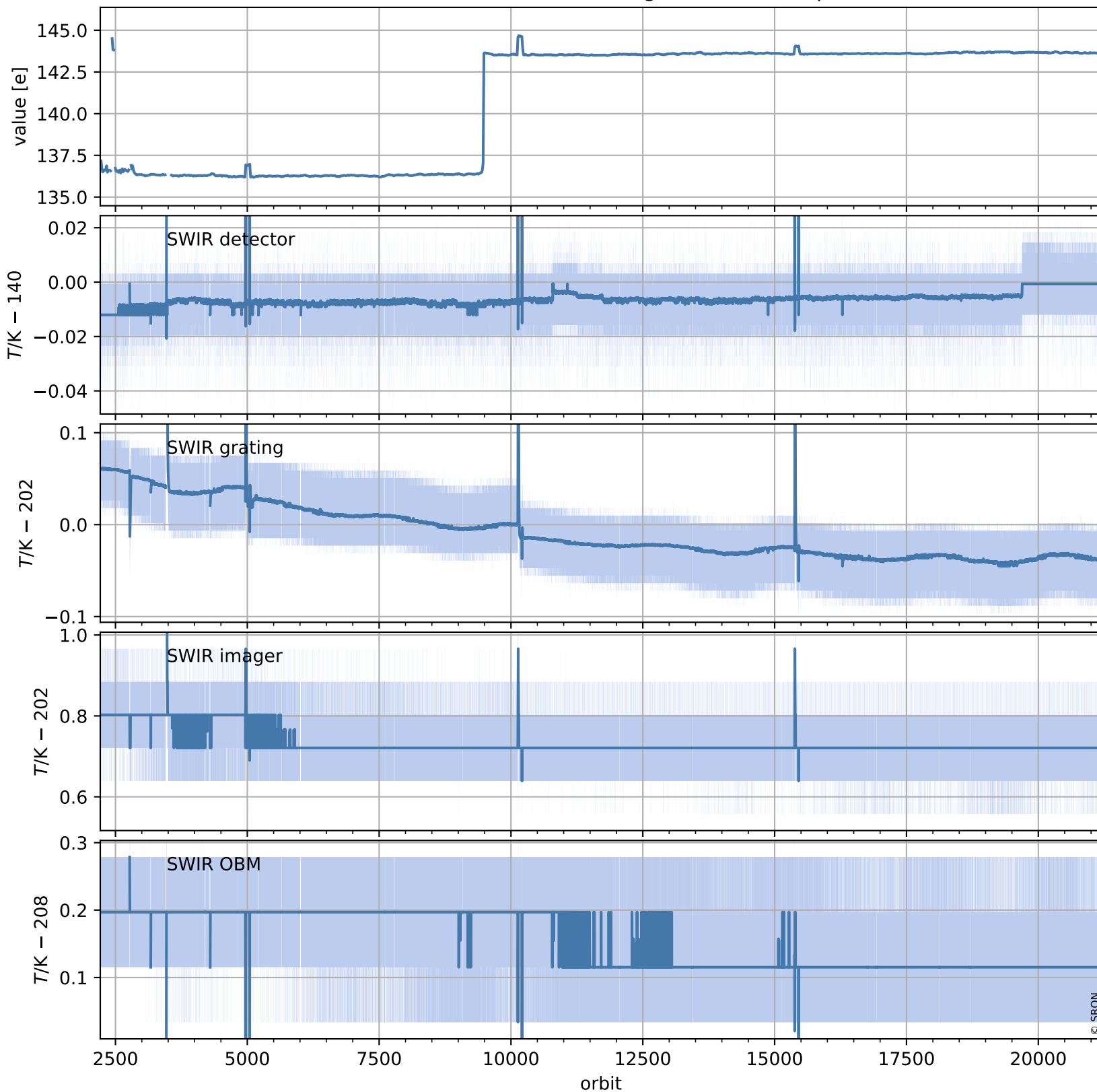
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21202]
coverage : 2018-03-18 / 2021-11-15
created : 2023-08-21T16:16:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21202]
coverage : 2018-03-18 / 2021-11-15
created : 2023-08-21T16:16:14

trend of normalized read-noise & temperatures

