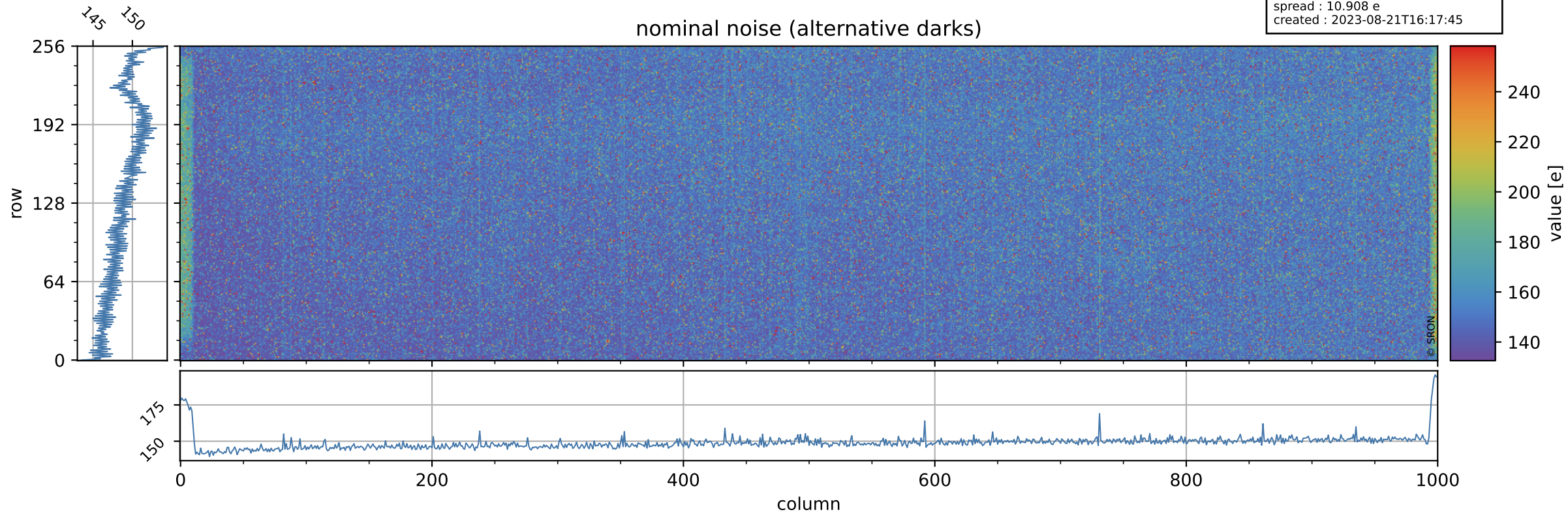


Tropomi SWIR background noise (swir)

orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 10.908 e
created : 2023-08-21T16:17:45

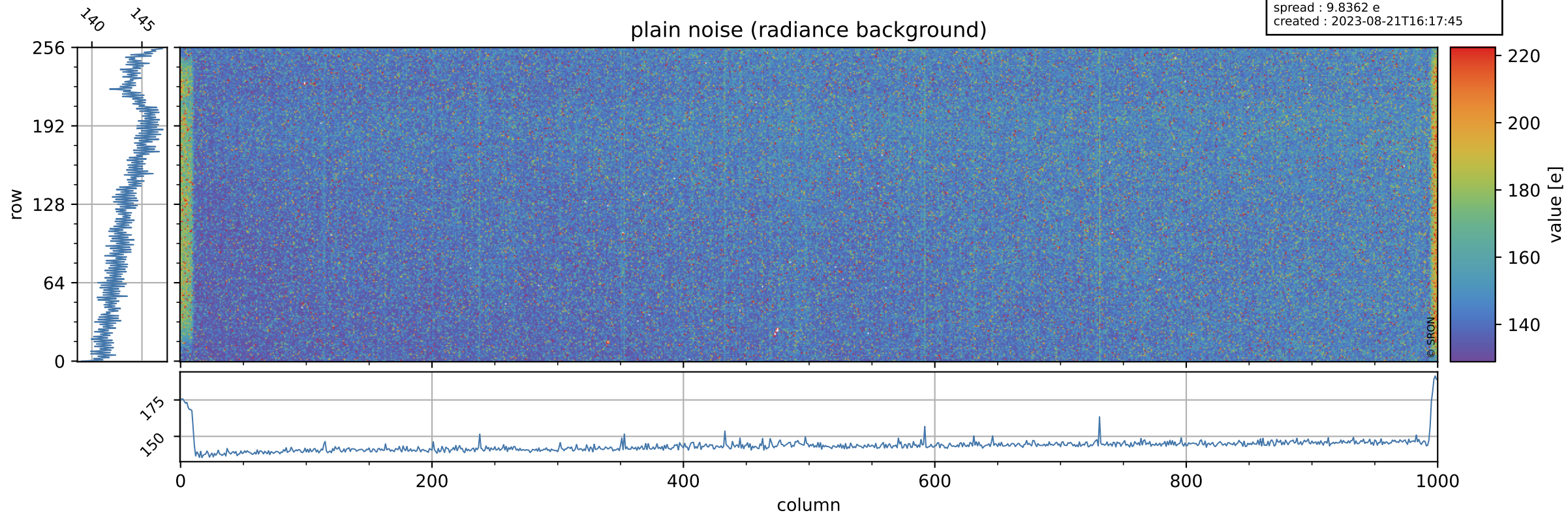
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8362 e
created : 2023-08-21T16:17:45

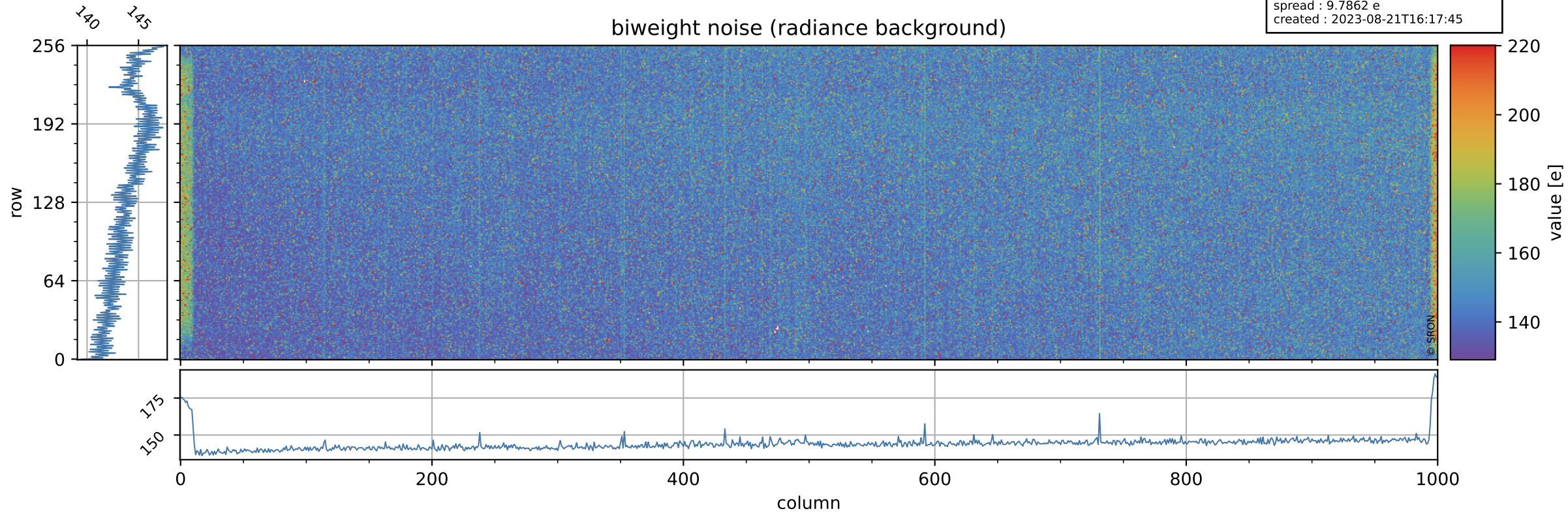
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.7862 e
created : 2023-08-21T16:17:45

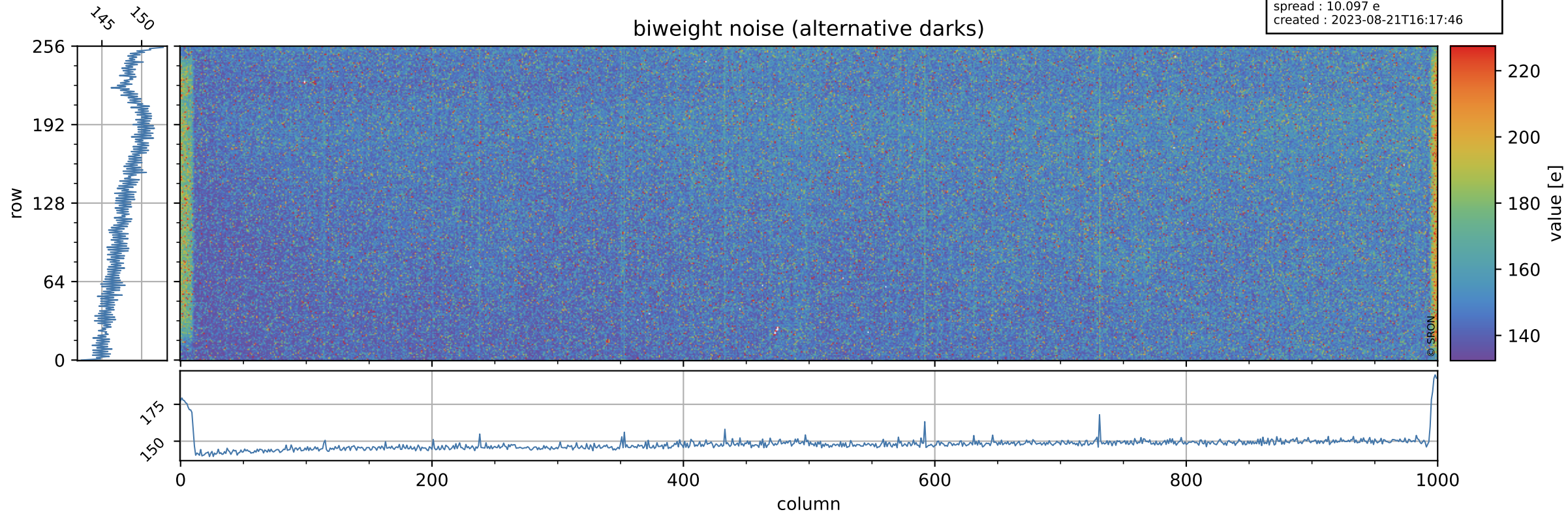
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.097 e
created : 2023-08-21T16:17:46

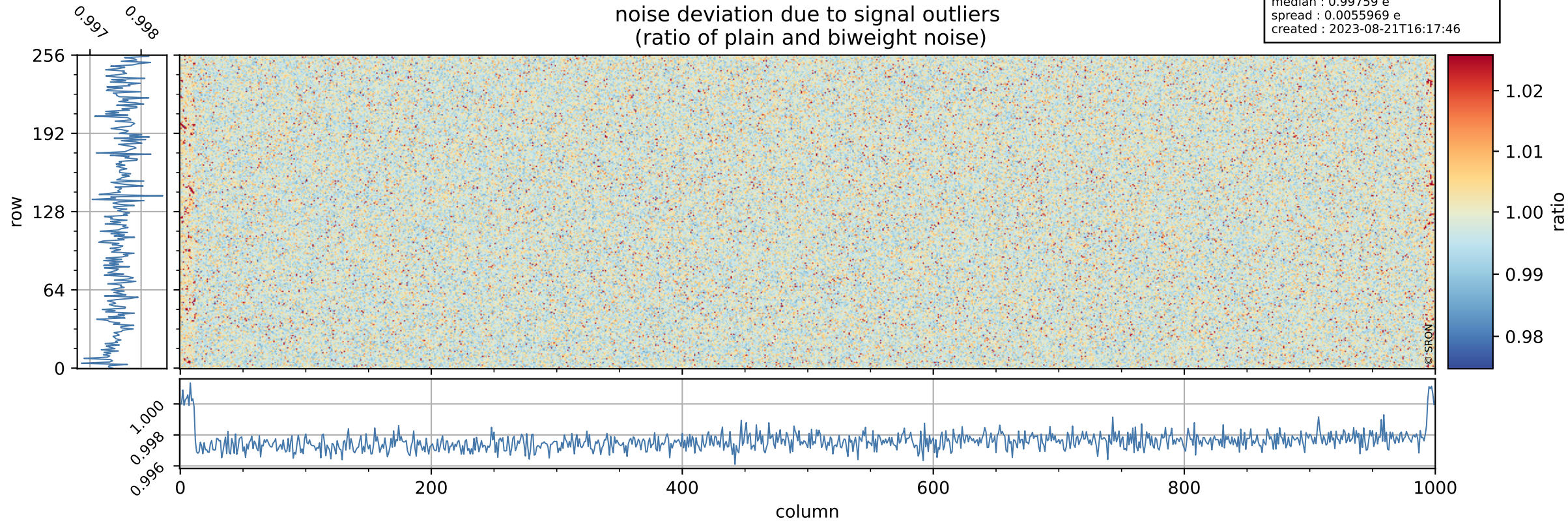
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

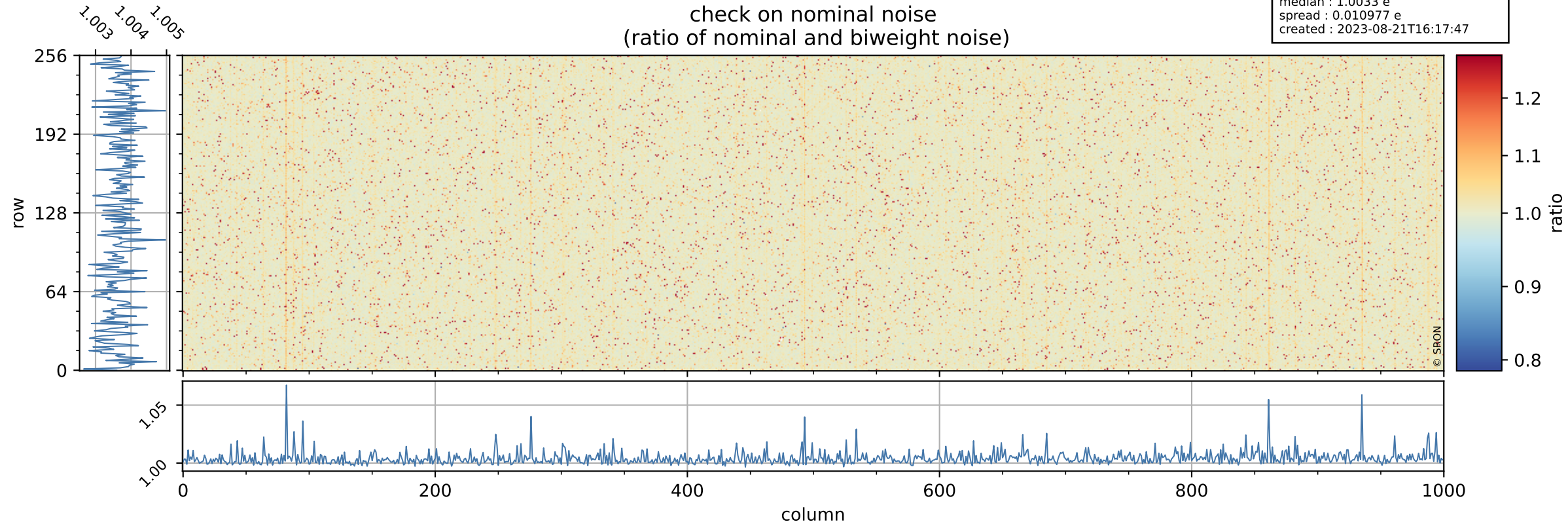
orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
median : 0.99759 e
spread : 0.0055969 e
created : 2023-08-21T16:17:46



Tropomi SWIR background noise (swir)

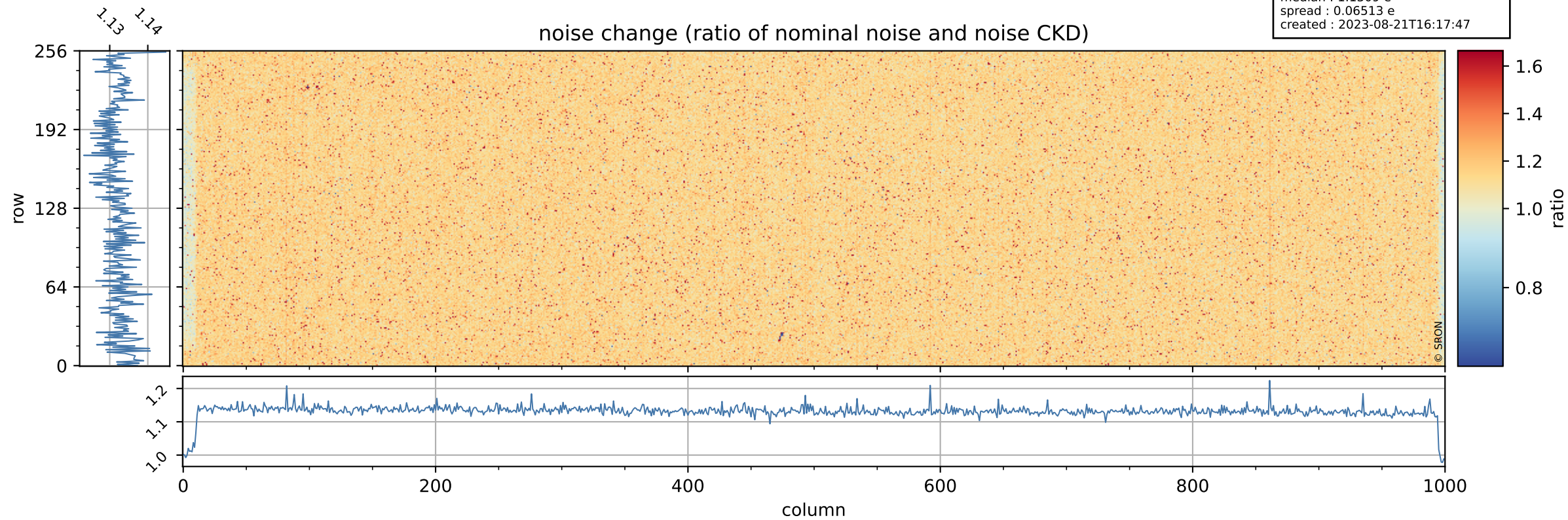
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
median : 1.0033 e
spread : 0.010977 e
created : 2023-08-21T16:17:47



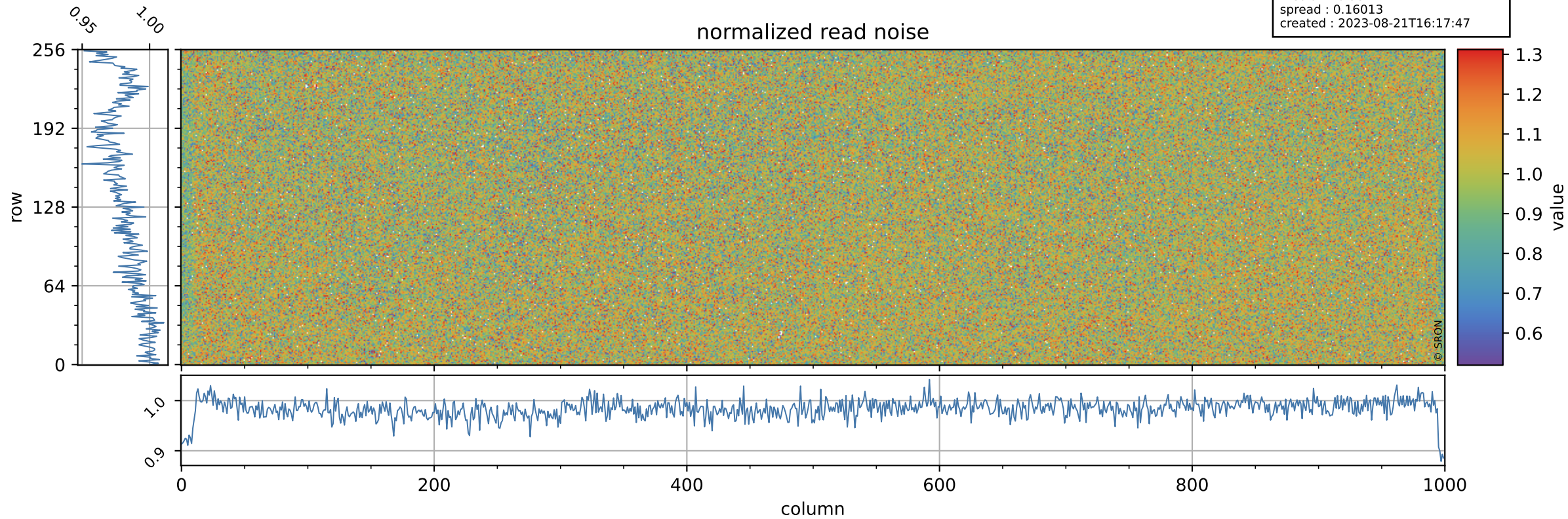
Tropomi SWIR background noise (swir)

orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
median : 1.1309 e
spread : 0.06513 e
created : 2023-08-21T16:17:47



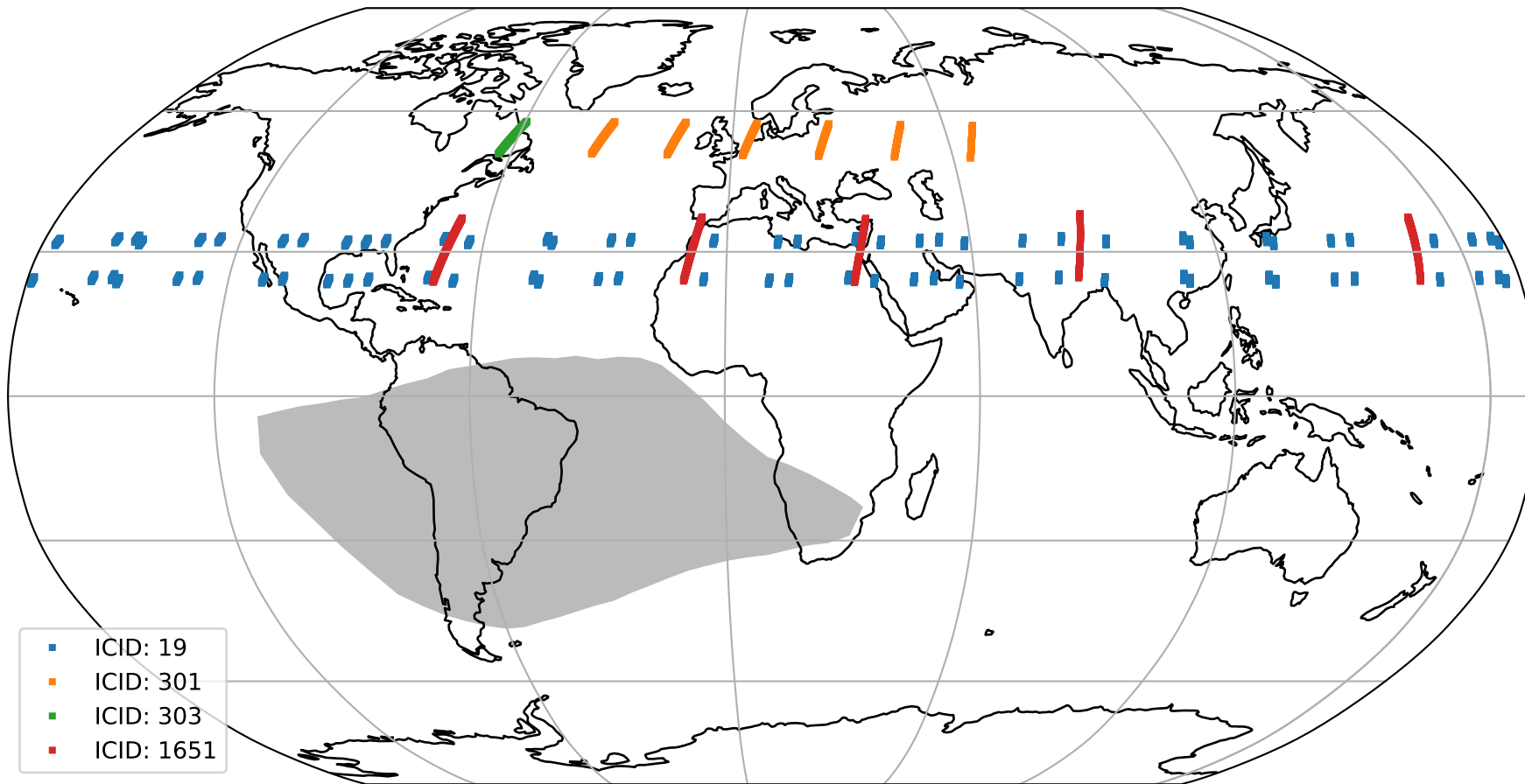
Tropomi SWIR background noise (swir)

orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
median : 0.98172
spread : 0.16013
created : 2023-08-21T16:17:47



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

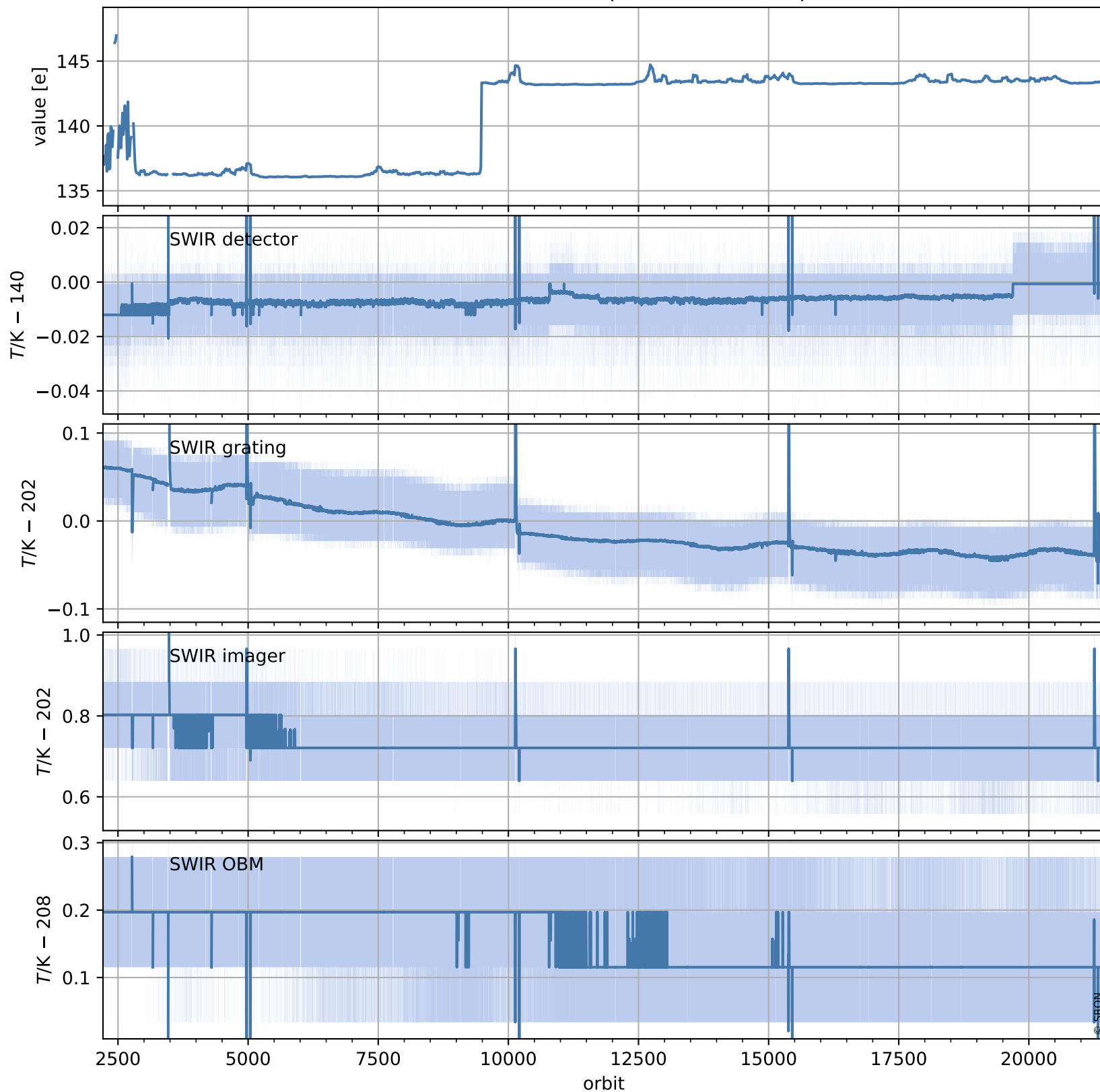
orbits : 12 in [21367, 21457]
coverage : 2021-11-27 / 2021-12-03
created : 2023-08-21T16:17:47



Tropomi SWIR background noise (swir)

orbits : [2212, 21457]
coverage : 2018-03-18 / 2021-12-03
created : 2023-08-21T16:17:48

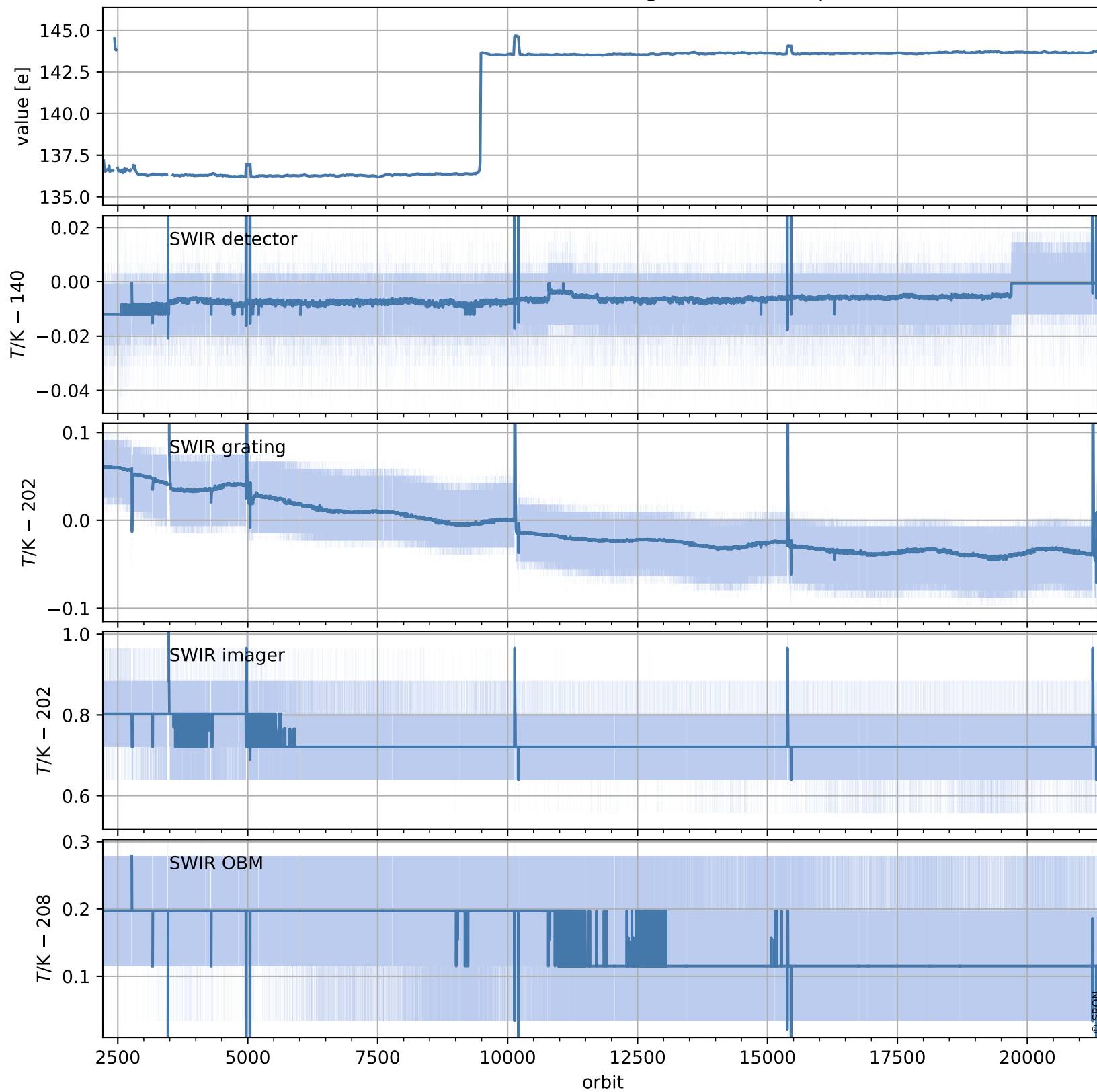
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21457]
coverage : 2018-03-18 / 2021-12-03
created : 2023-08-21T16:17:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21457]
coverage : 2018-03-18 / 2021-12-03
created : 2023-08-21T16:17:49

trend of normalized read-noise & temperatures

