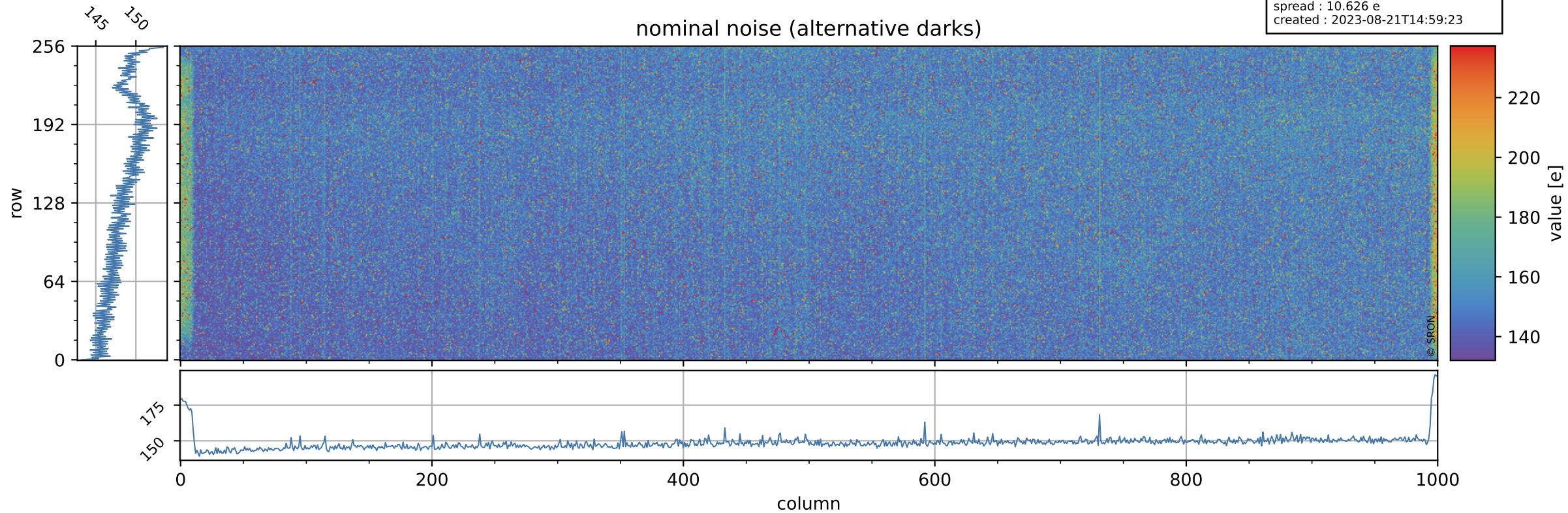


Tropomi SWIR background noise (swir)

orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.626 e
created : 2023-08-21T14:59:23

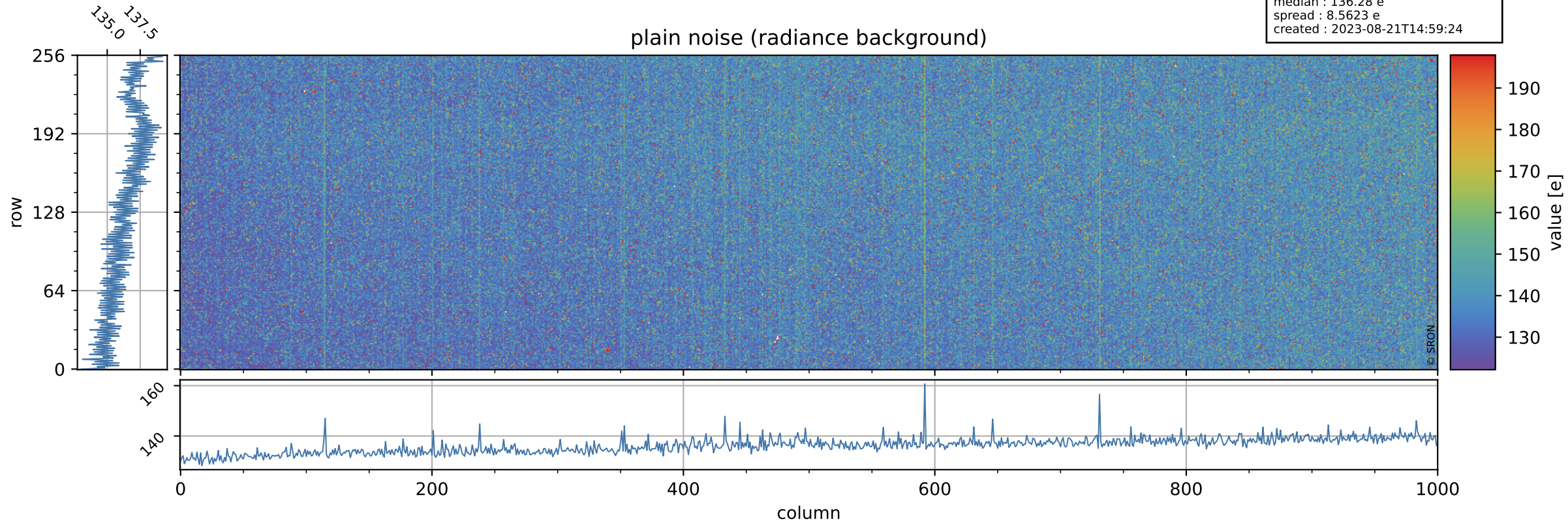
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.5623 e
created : 2023-08-21T14:59:24

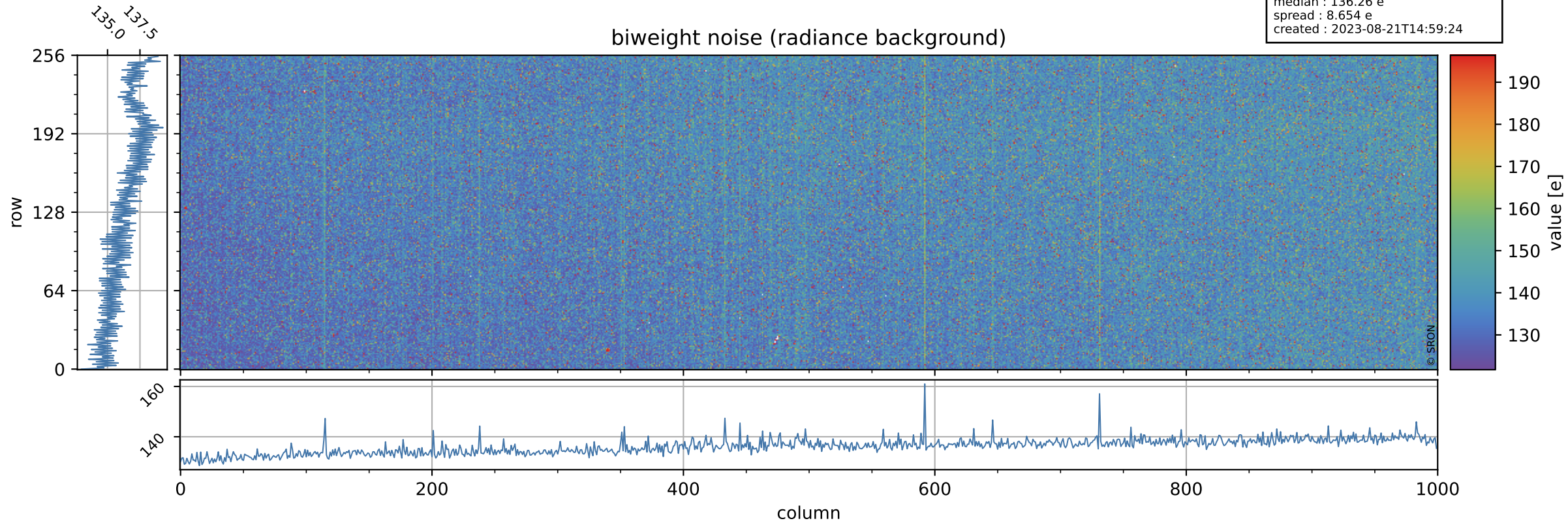
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.654 e
created : 2023-08-21T14:59:24

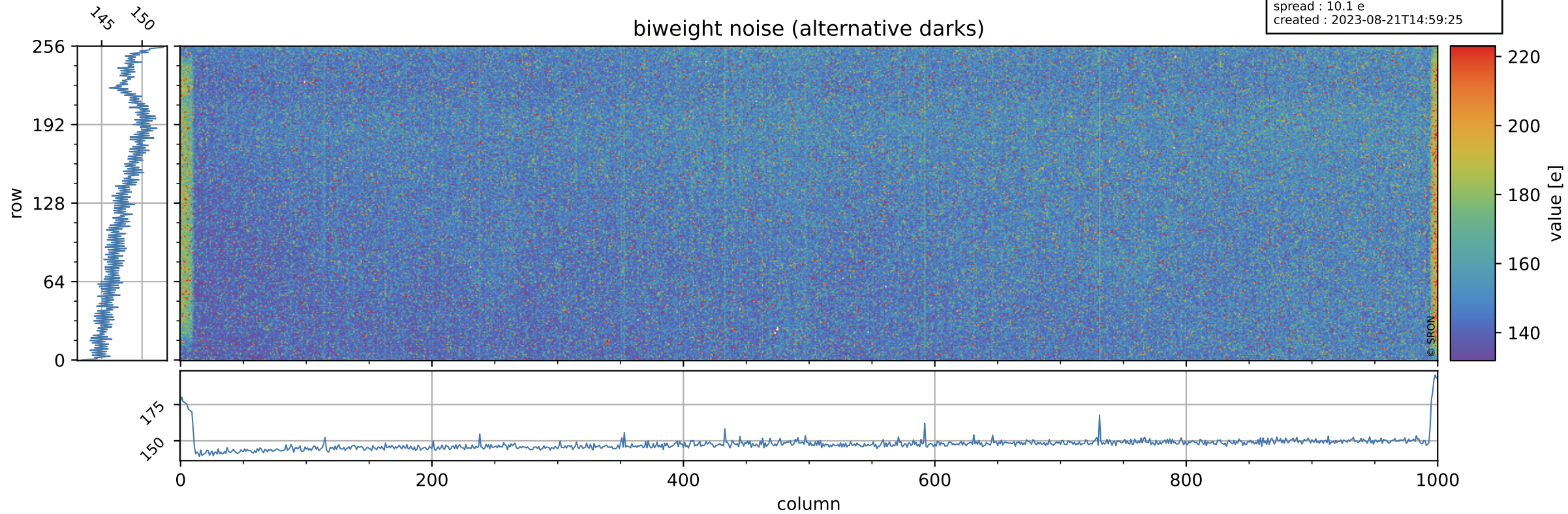
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.1 e
created : 2023-08-21T14:59:25

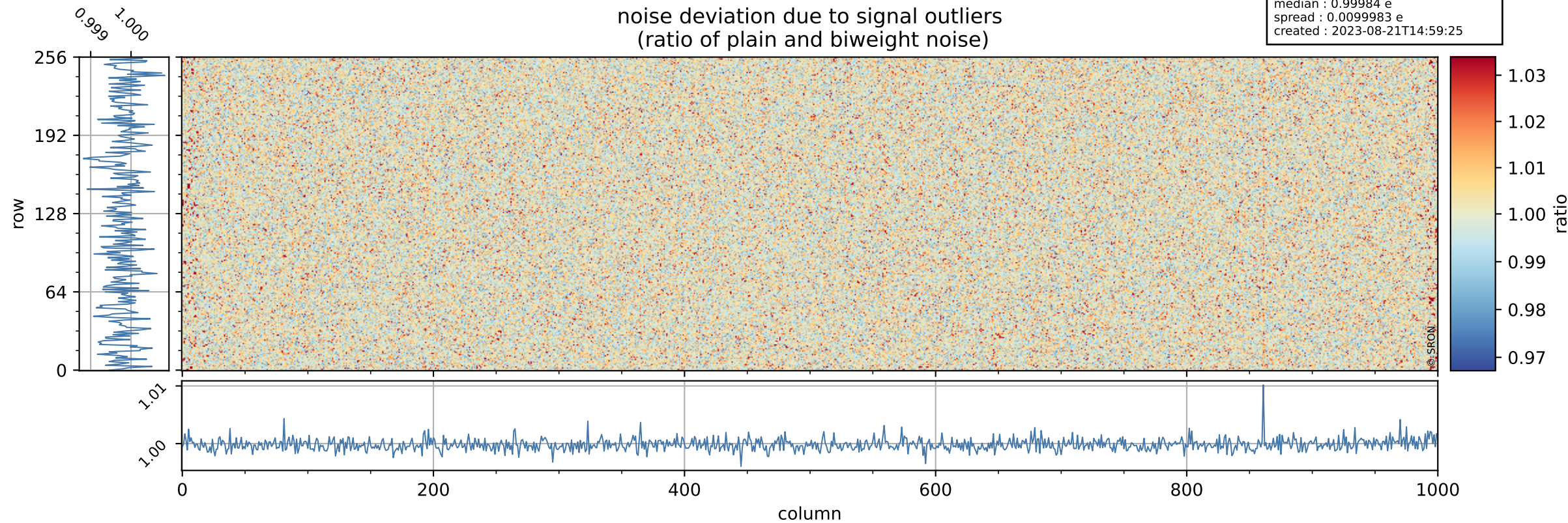
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

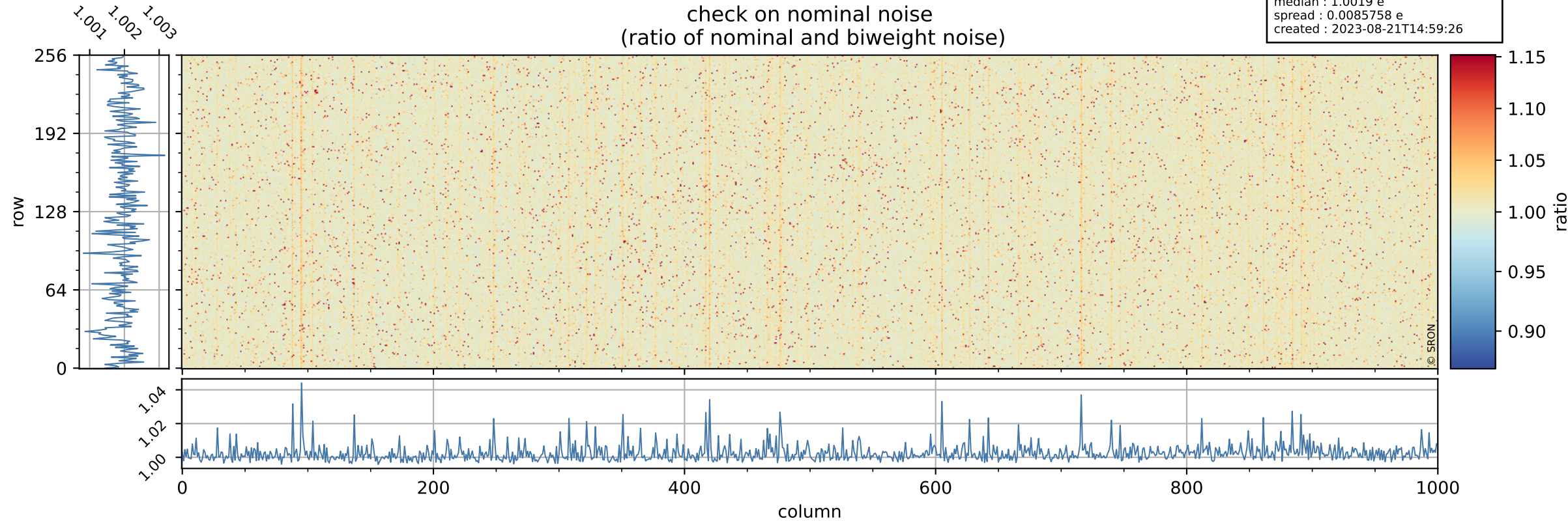
orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
median : 0.99984 e
spread : 0.0099983 e
created : 2023-08-21T14:59:25



Tropomi SWIR background noise (swir)

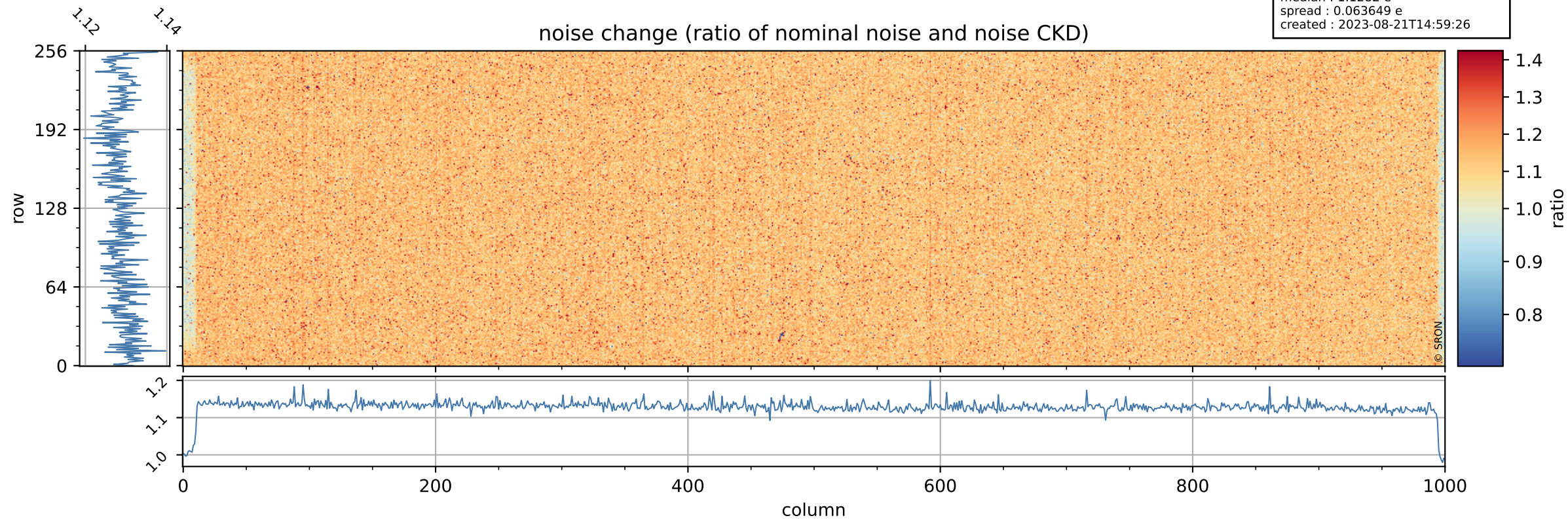
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
median : 1.0019 e
spread : 0.0085758 e
created : 2023-08-21T14:59:26



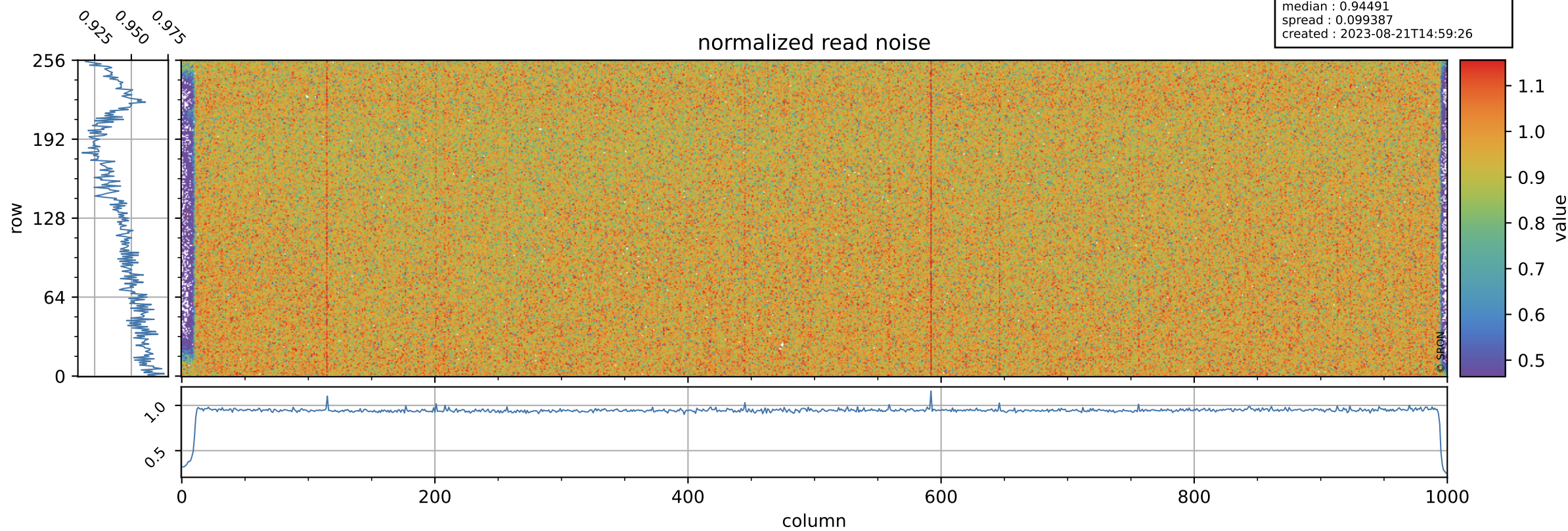
Tropomi SWIR background noise (swir)

orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
median : 1.1282 e
spread : 0.063649 e
created : 2023-08-21T14:59:26



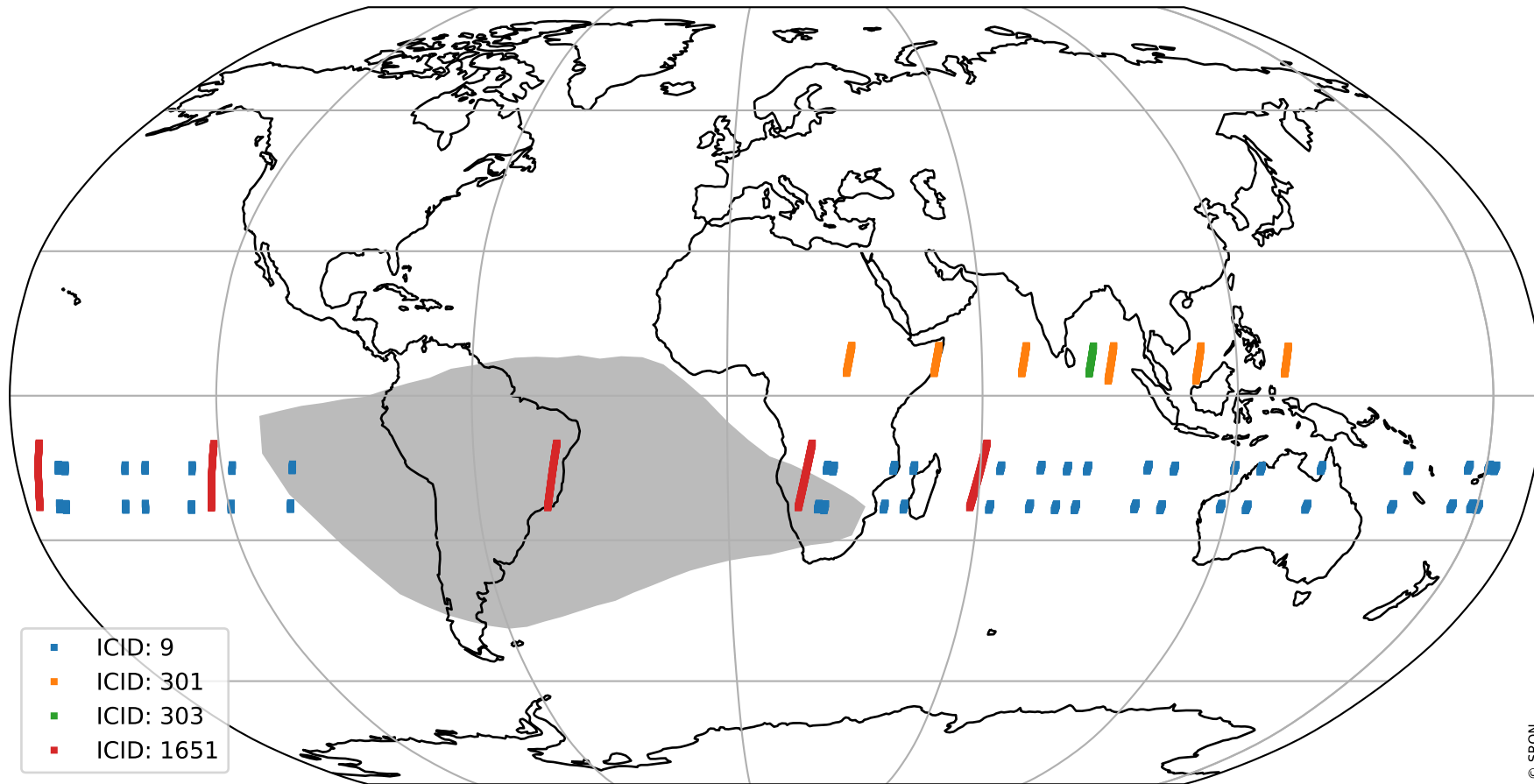
Tropomi SWIR background noise (swir)

orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
median : 0.94491
spread : 0.099387
created : 2023-08-21T14:59:26



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

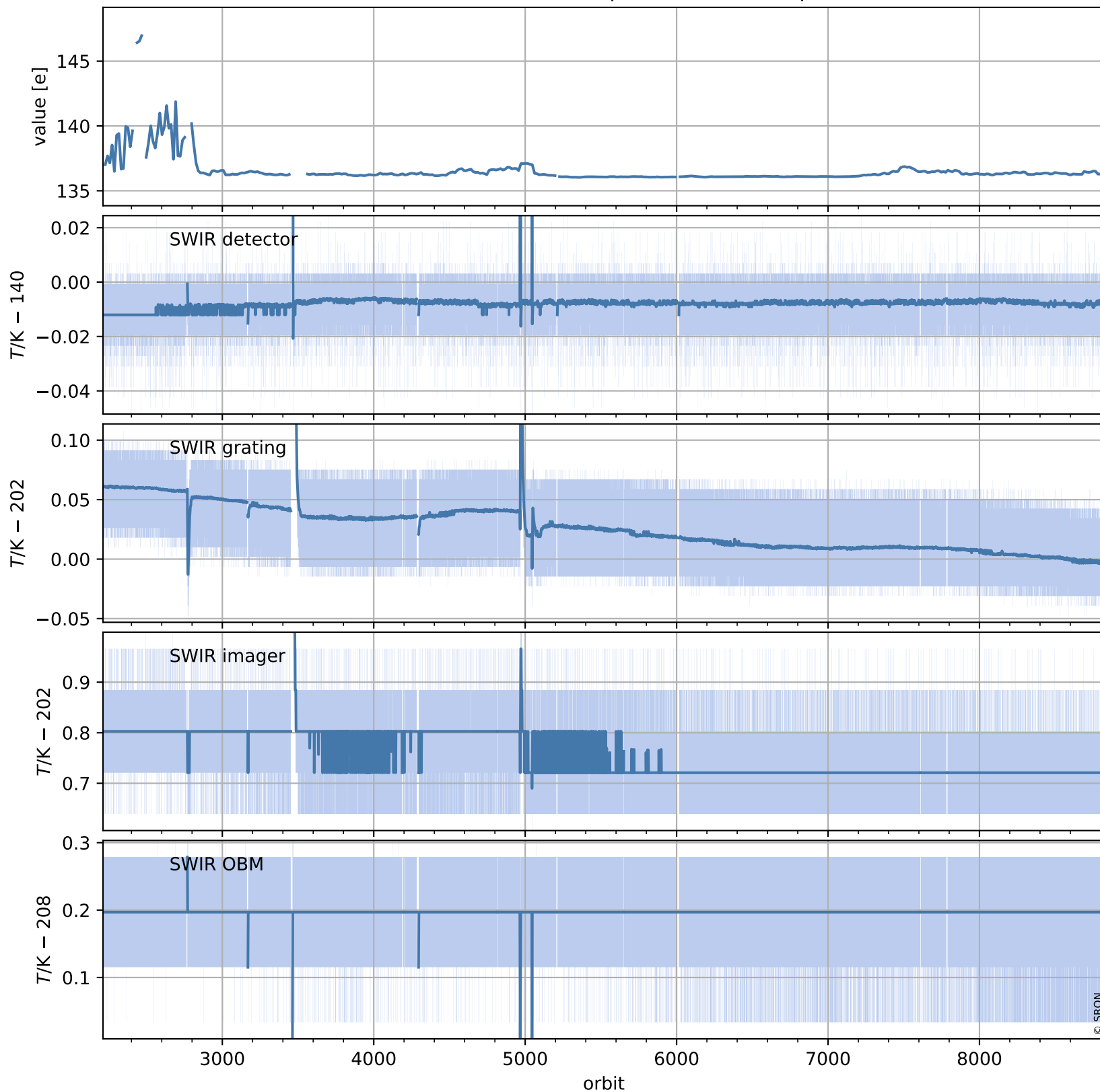
orbits : 12 in [8752, 8827]
coverage : 2019-06-21 / 2019-06-26
created : 2023-08-21T14:59:27



Tropomi SWIR background noise (swir)

orbits : [2212, 8827]
coverage : 2018-03-18 / 2019-06-26
created : 2023-08-21T14:59:27

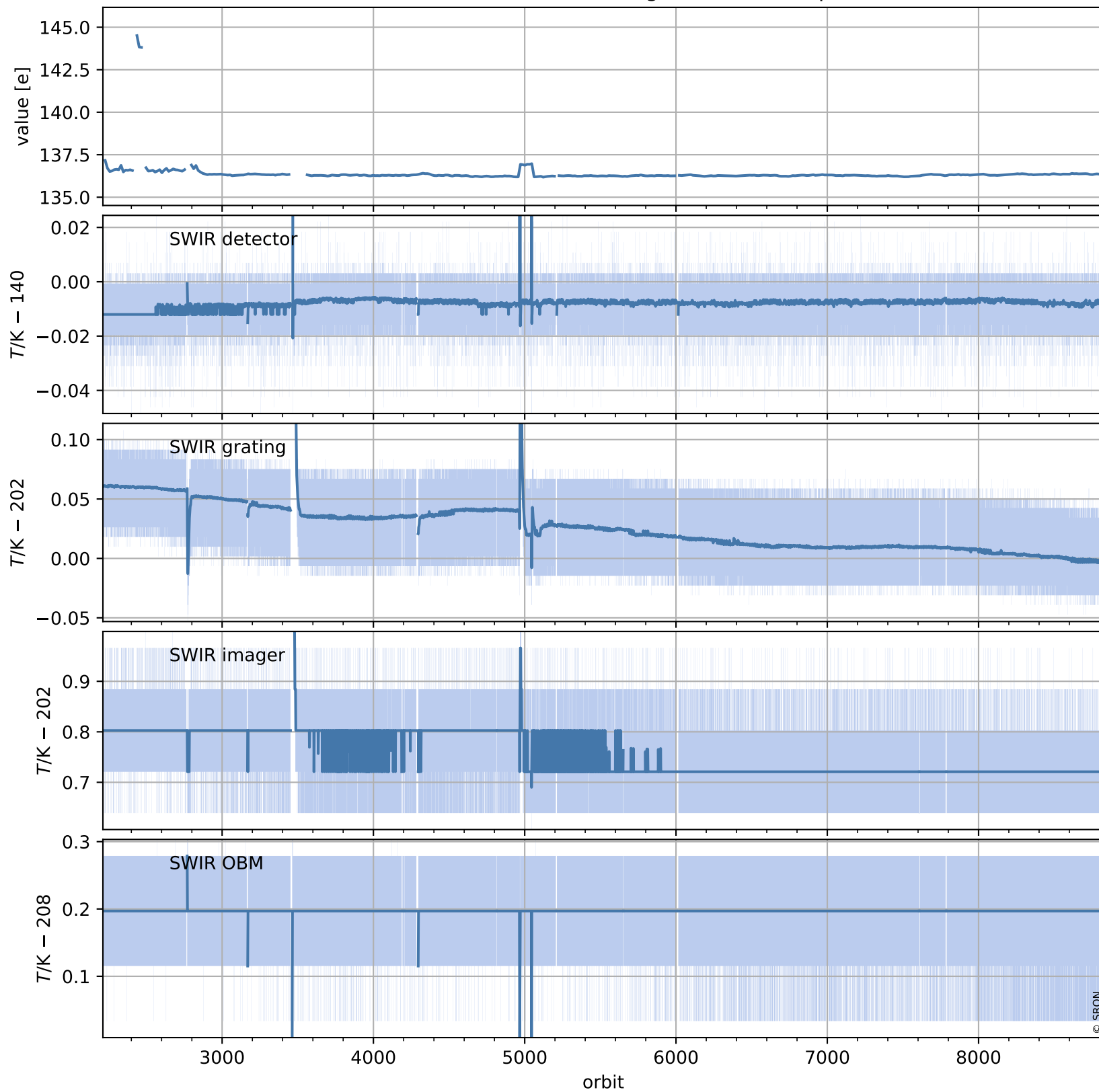
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8827]
coverage : 2018-03-18 / 2019-06-26
created : 2023-08-21T14:59:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8827]
coverage : 2018-03-18 / 2019-06-26
created : 2023-08-21T14:59:29

trend of normalized read-noise & temperatures

