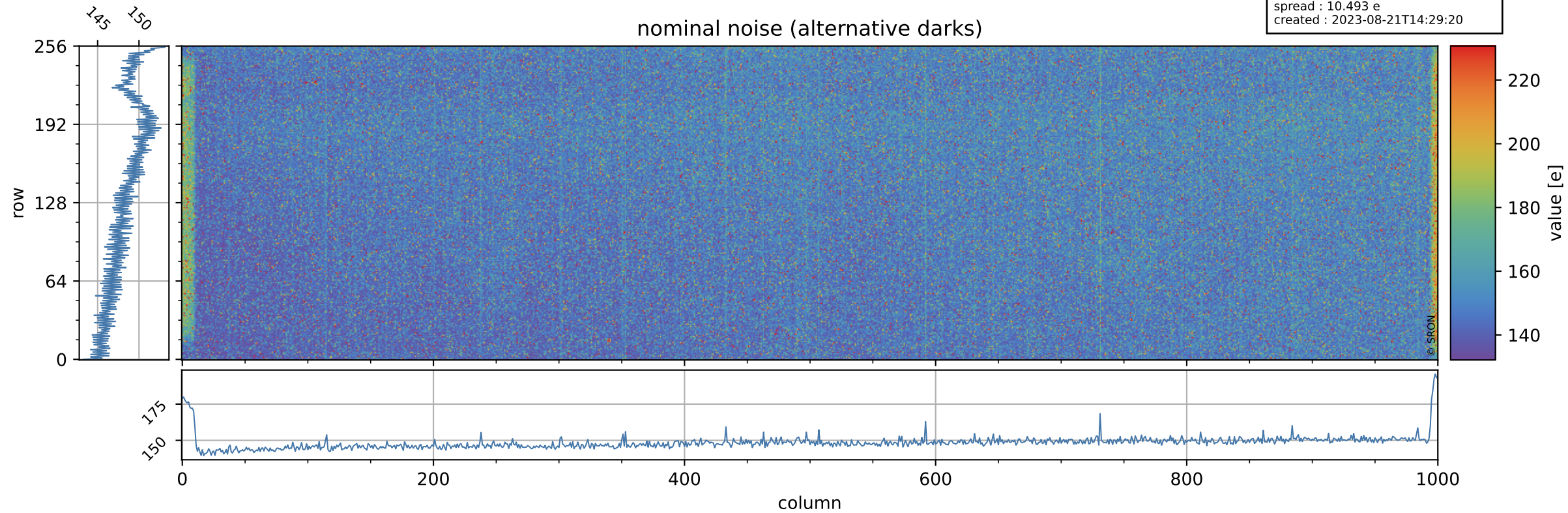


Tropomi SWIR background noise (swir)

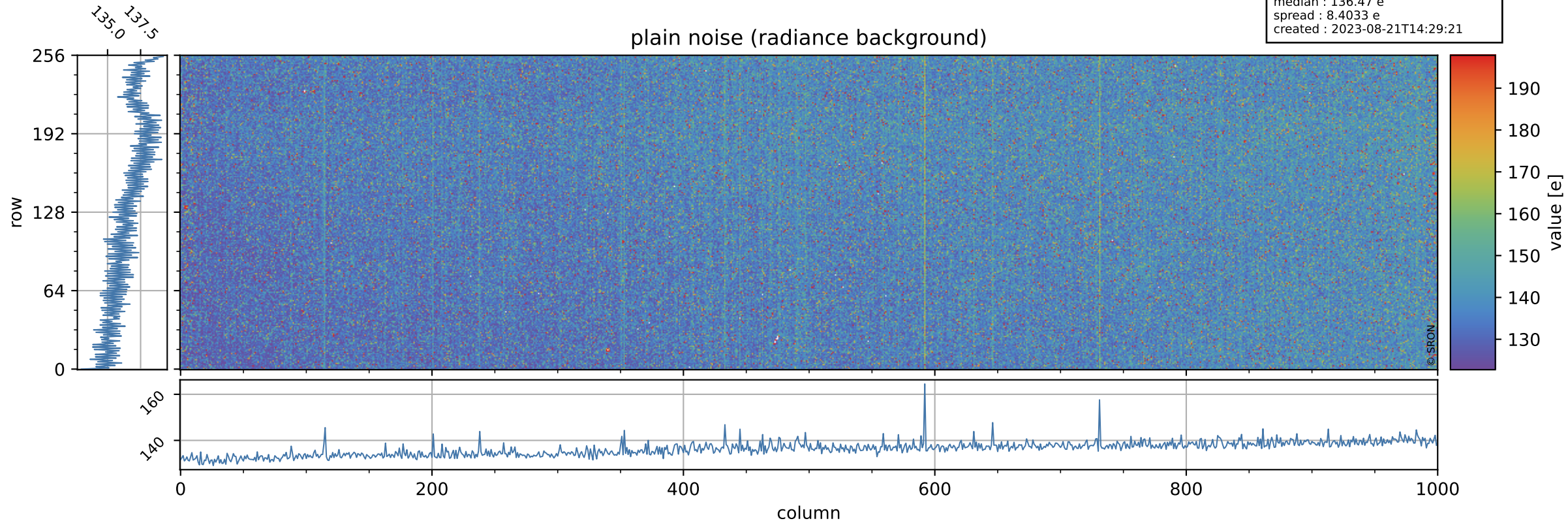
orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.493 e
created : 2023-08-21T14:29:20



Tropomi SWIR background noise (swir)

orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
n_coad, t_exp : 2, 0.5383
median : 136.47 e
spread : 8.4033 e
created : 2023-08-21T14:29:21

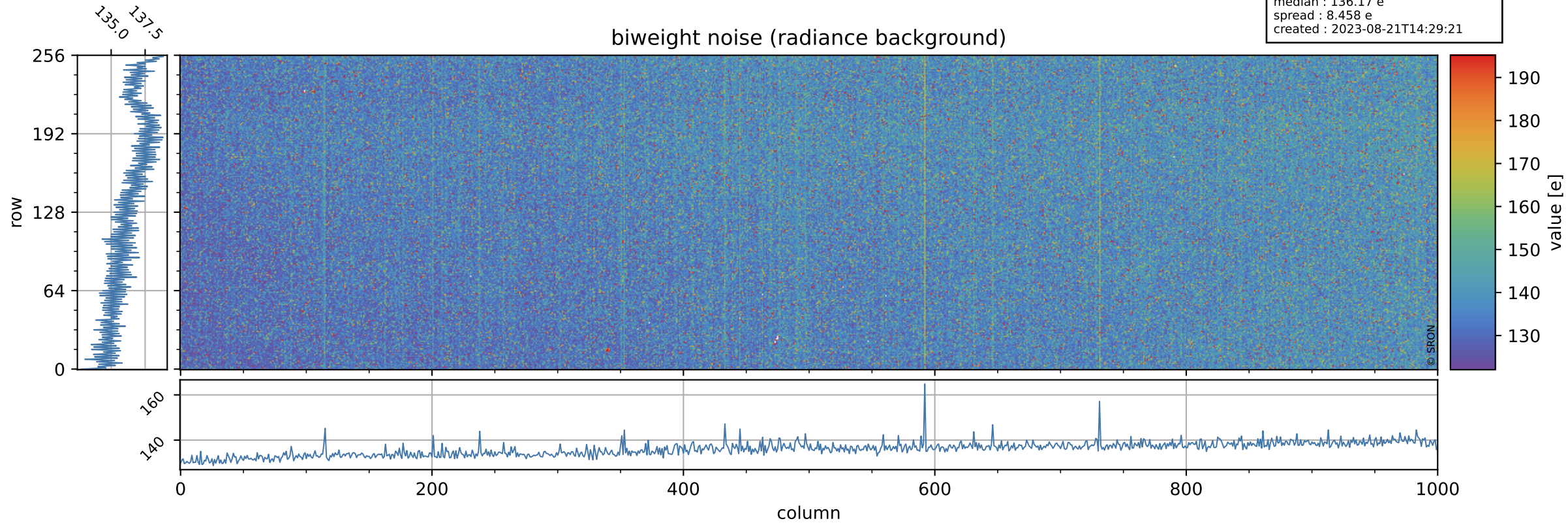
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.458 e
created : 2023-08-21T14:29:21

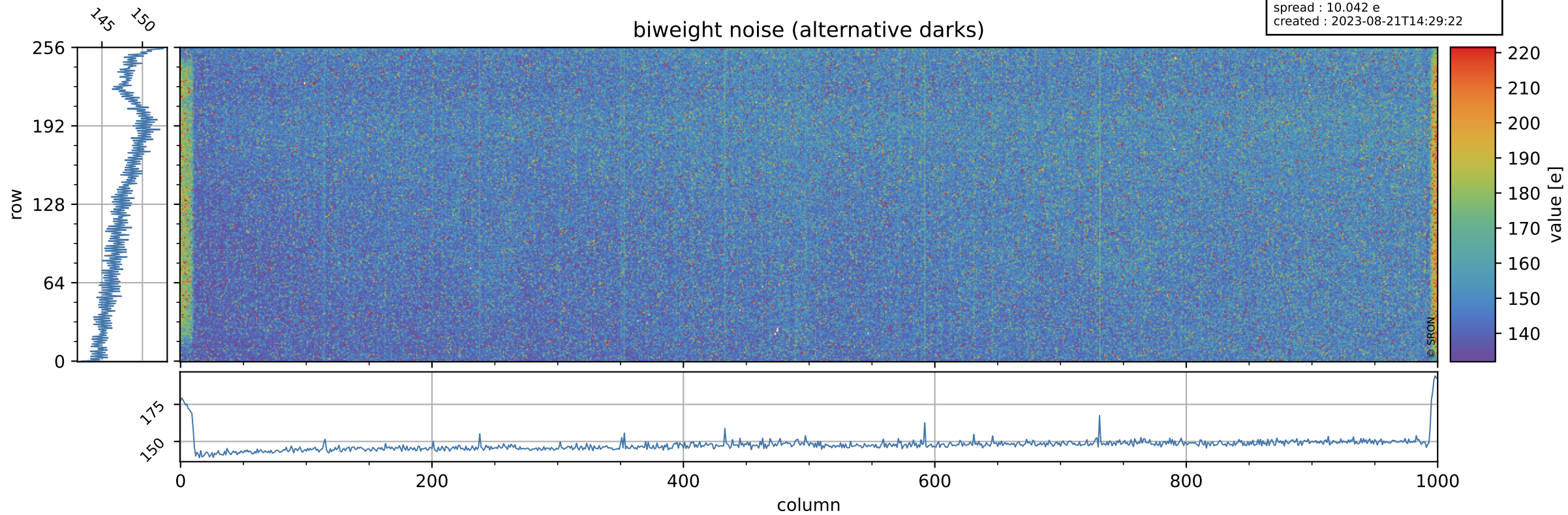
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 10.042 e
created : 2023-08-21T14:29:22

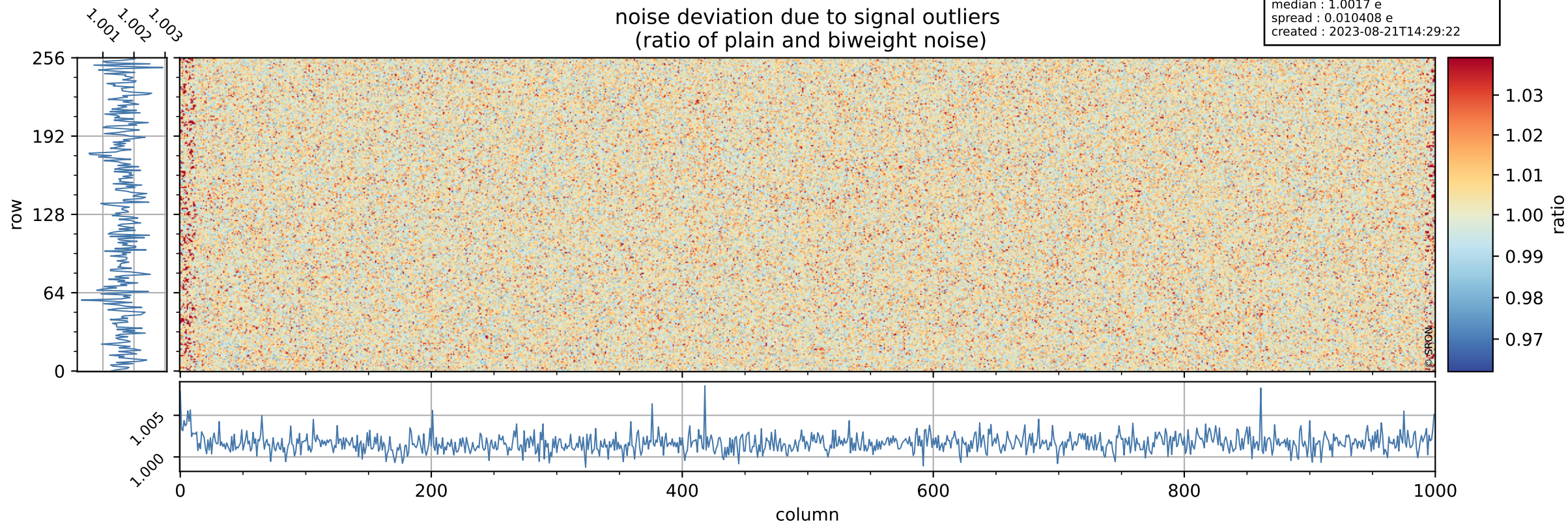
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

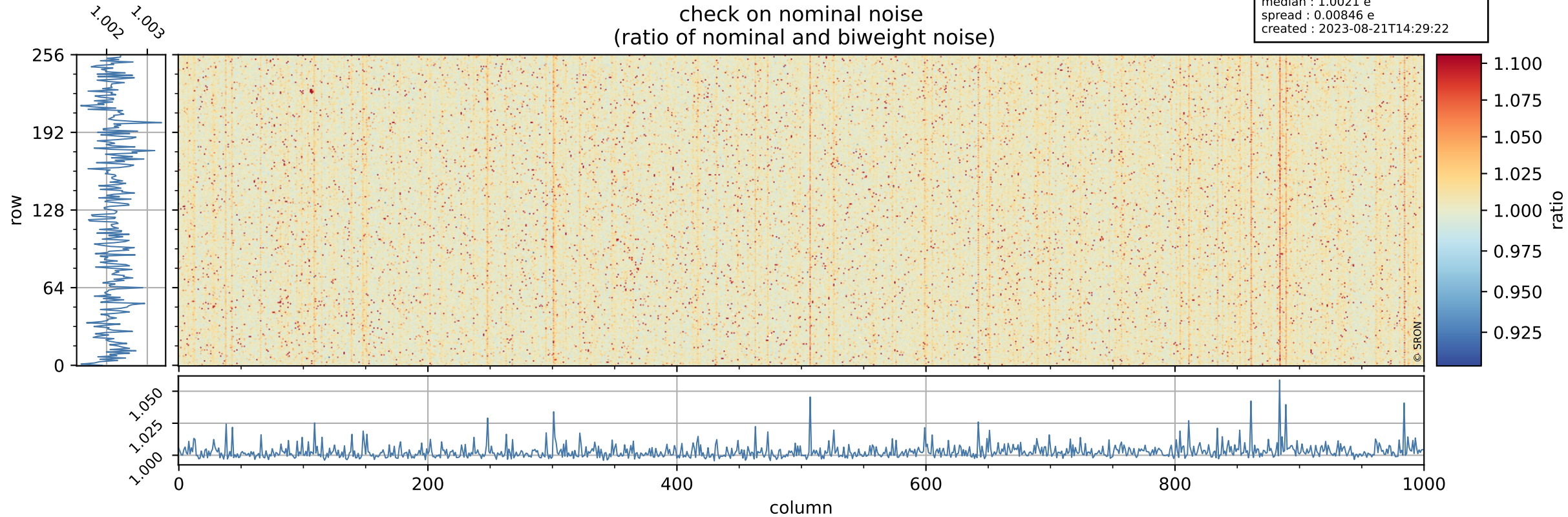
orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
median : 1.0017 e
spread : 0.010408 e
created : 2023-08-21T14:29:22



Tropomi SWIR background noise (swir)

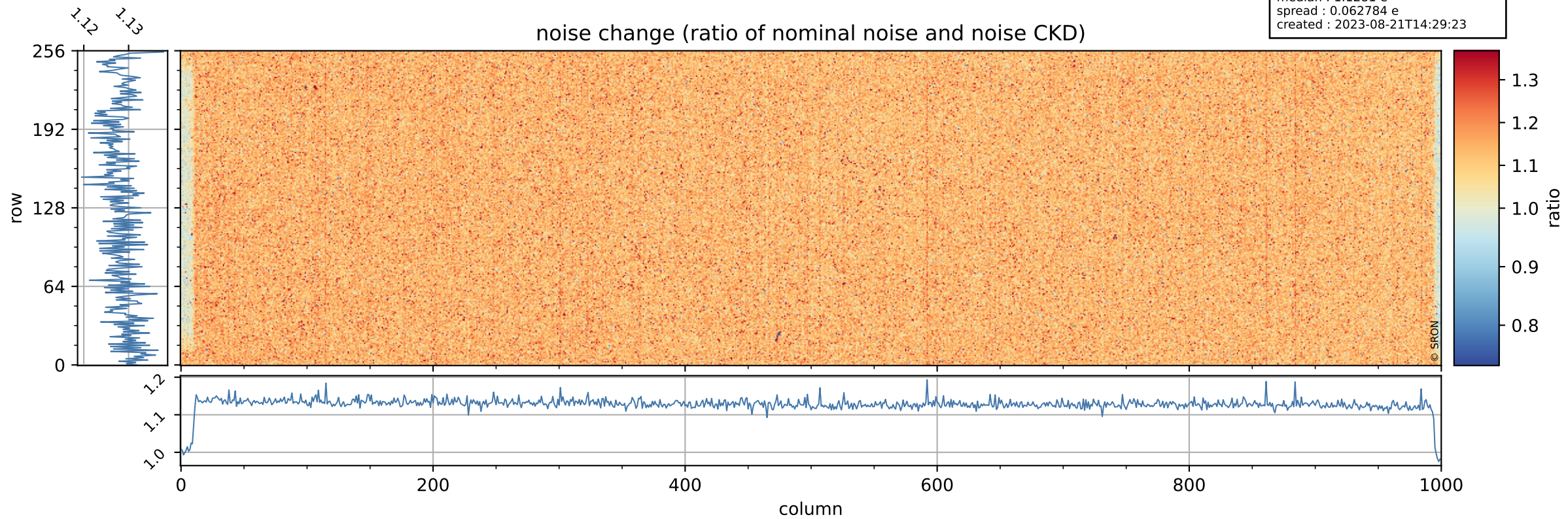
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
median : 1.0021 e
spread : 0.00846 e
created : 2023-08-21T14:29:22



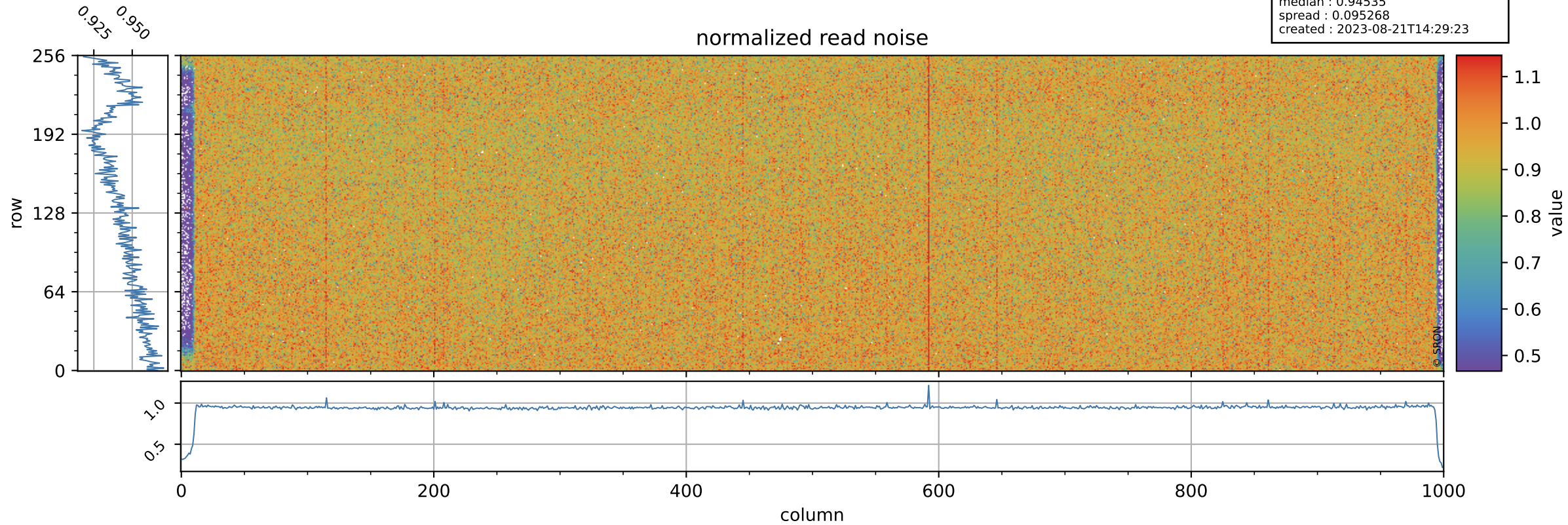
Tropomi SWIR background noise (swir)

orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
median : 1.1281 e
spread : 0.062784 e
created : 2023-08-21T14:29:23



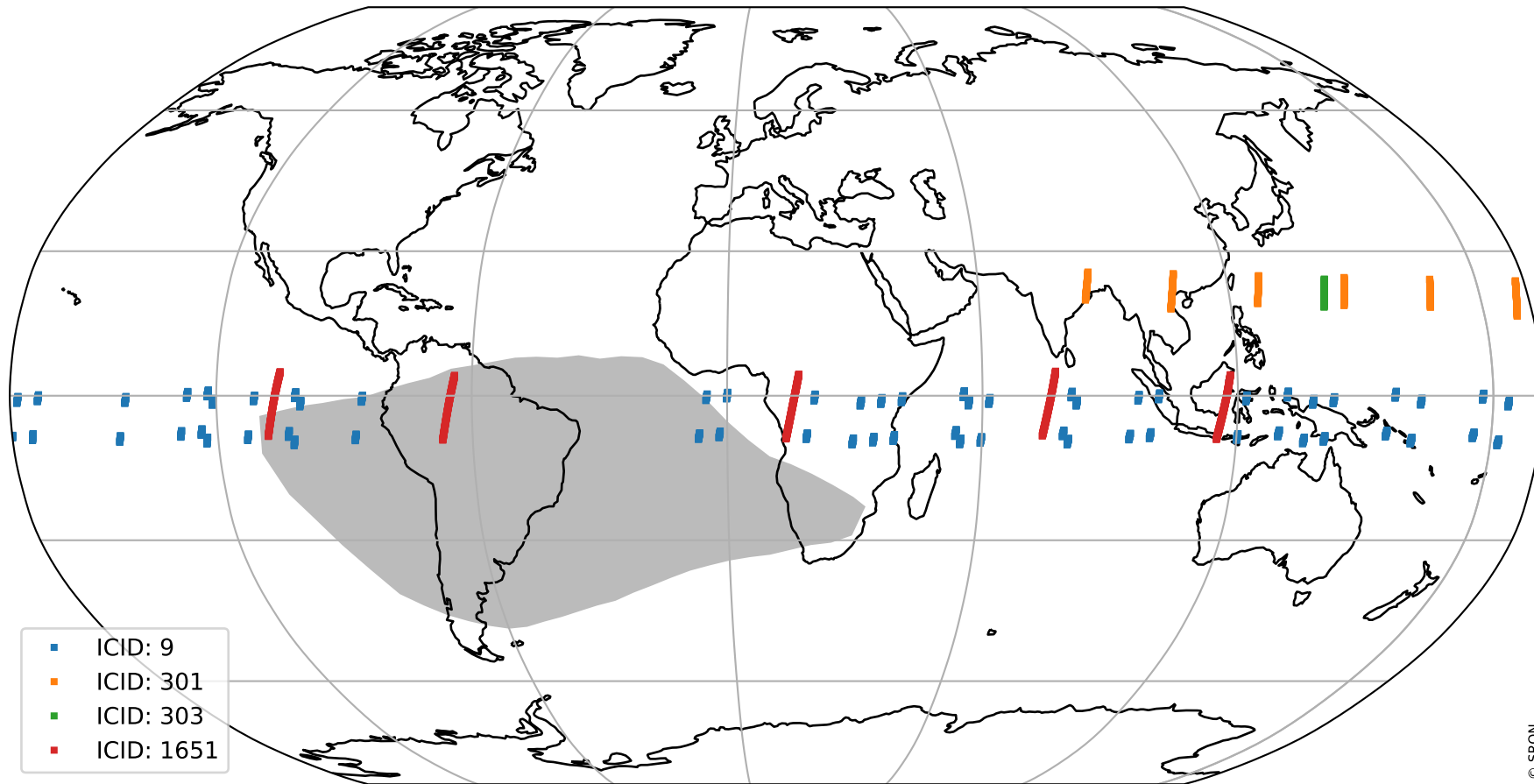
Tropomi SWIR background noise (swir)

orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
median : 0.94535
spread : 0.095268
created : 2023-08-21T14:29:23



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

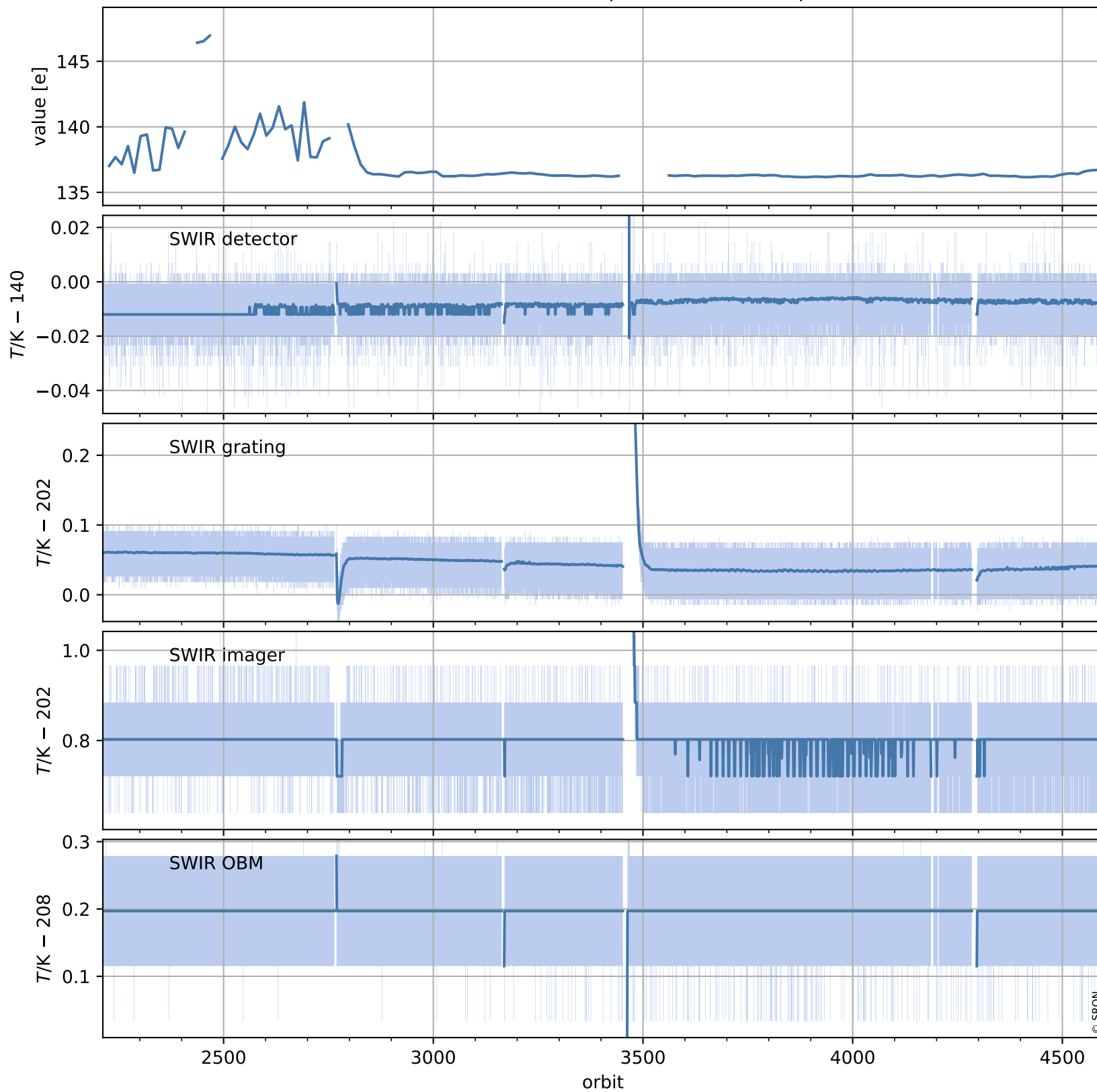
orbits : 12 in [4522, 4597]
coverage : 2018-08-27 / 2018-09-01
created : 2023-08-21T14:29:24



Tropomi SWIR background noise (swir)

orbits : [2212, 4597]
coverage : 2018-03-18 / 2018-09-01
created : 2023-08-21T14:29:24

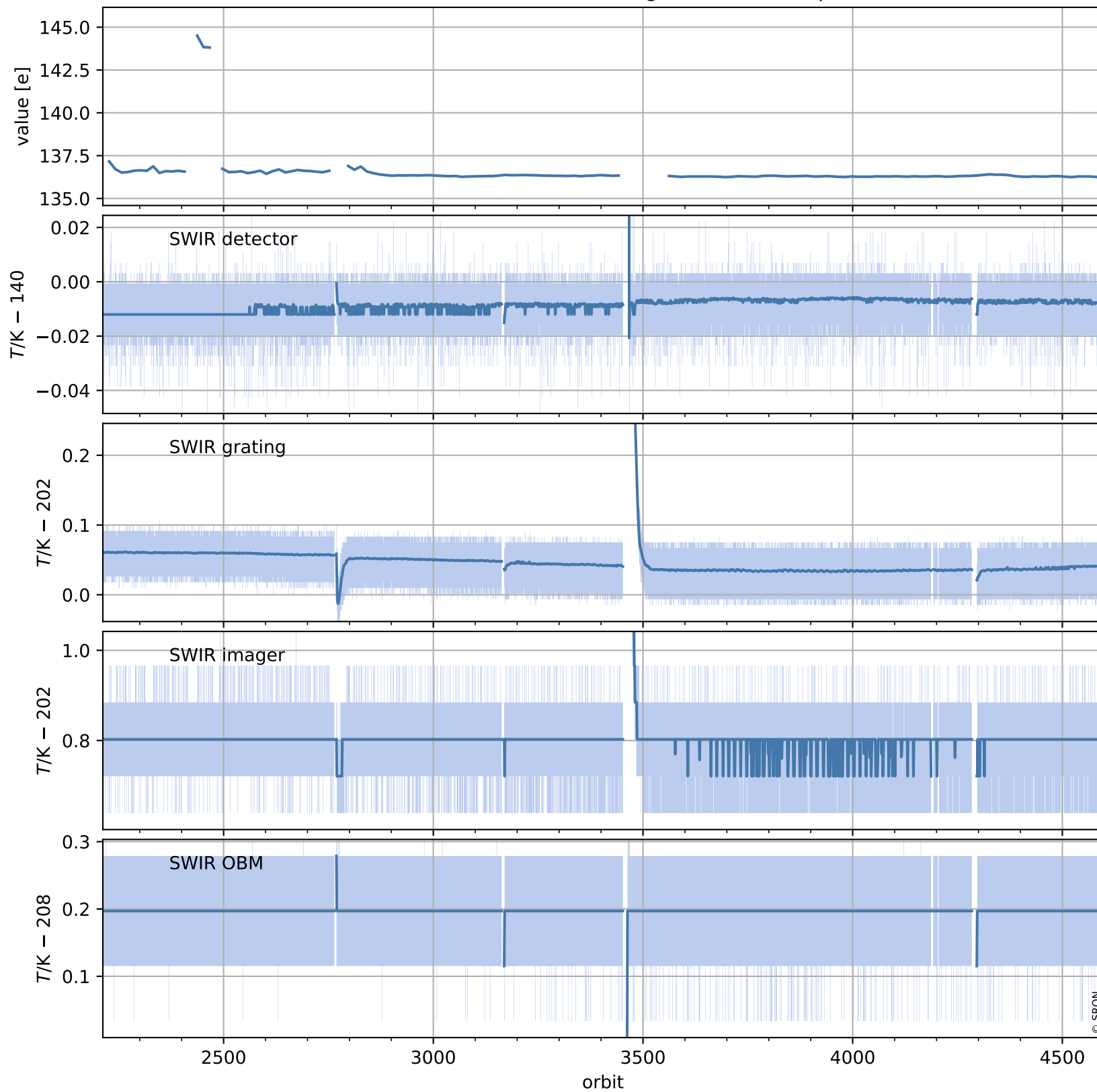
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4597]
coverage : 2018-03-18 / 2018-09-01
created : 2023-08-21T14:29:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4597]
coverage : 2018-03-18 / 2018-09-01
created : 2023-08-21T14:29:25

trend of normalized read-noise & temperatures

