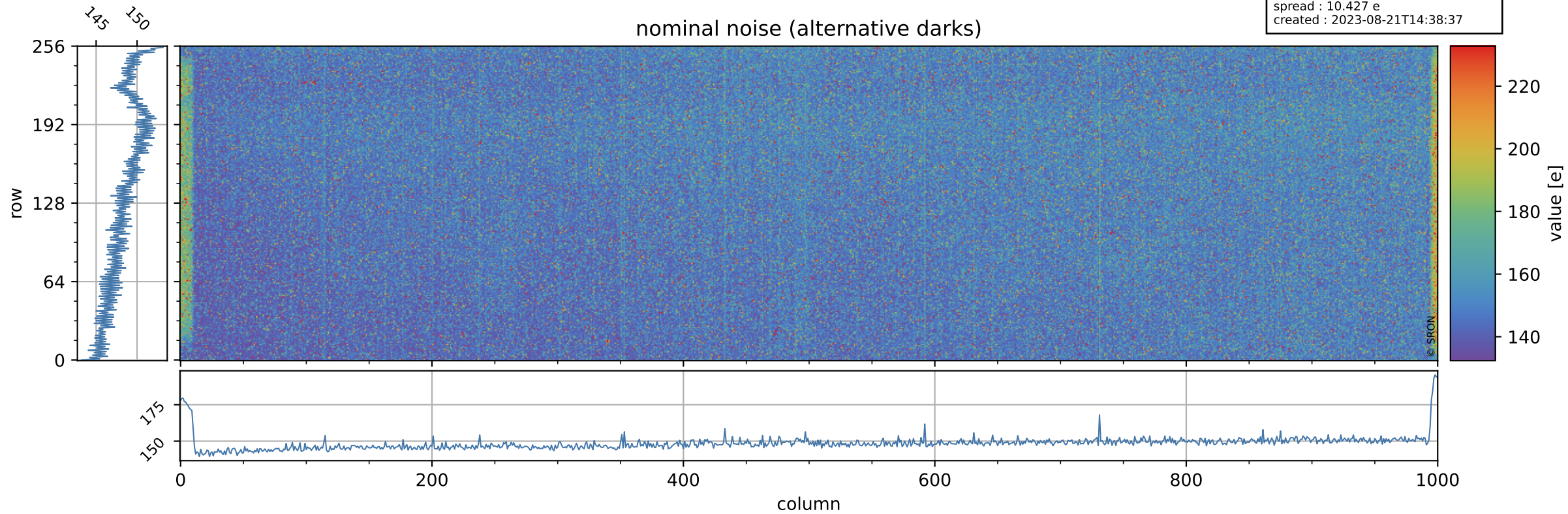


Tropomi SWIR background noise (swir)

orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.427 e
created : 2023-08-21T14:38:37

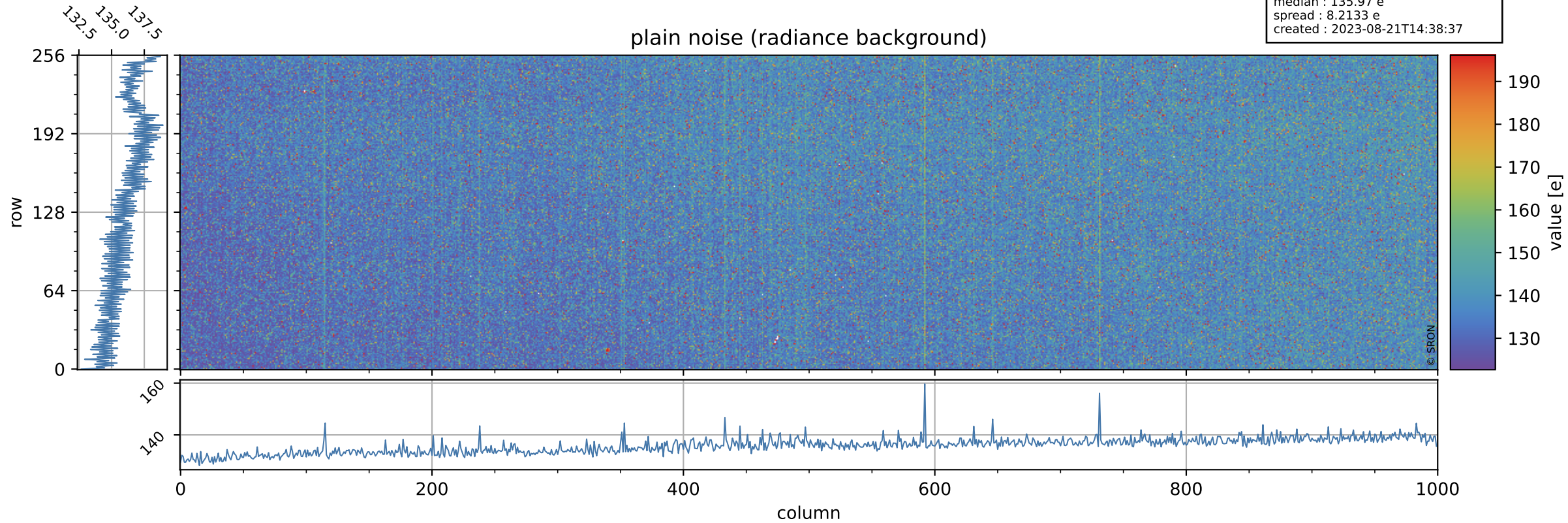
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2133 e
created : 2023-08-21T14:38:37

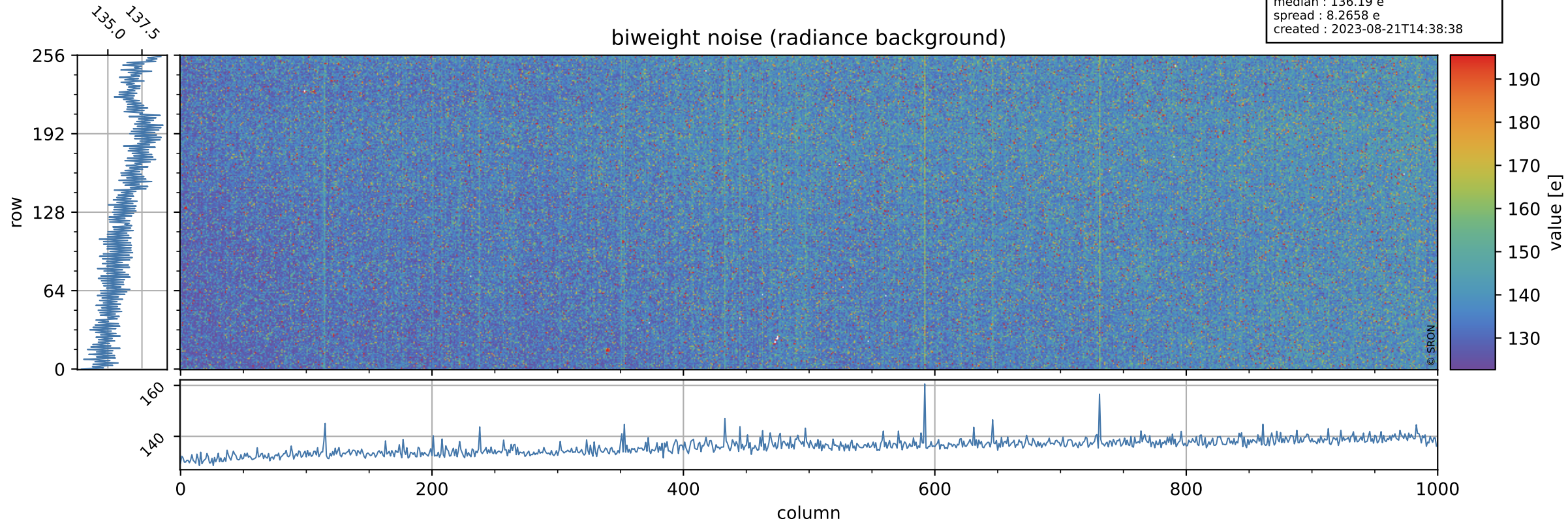
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2658 e
created : 2023-08-21T14:38:38

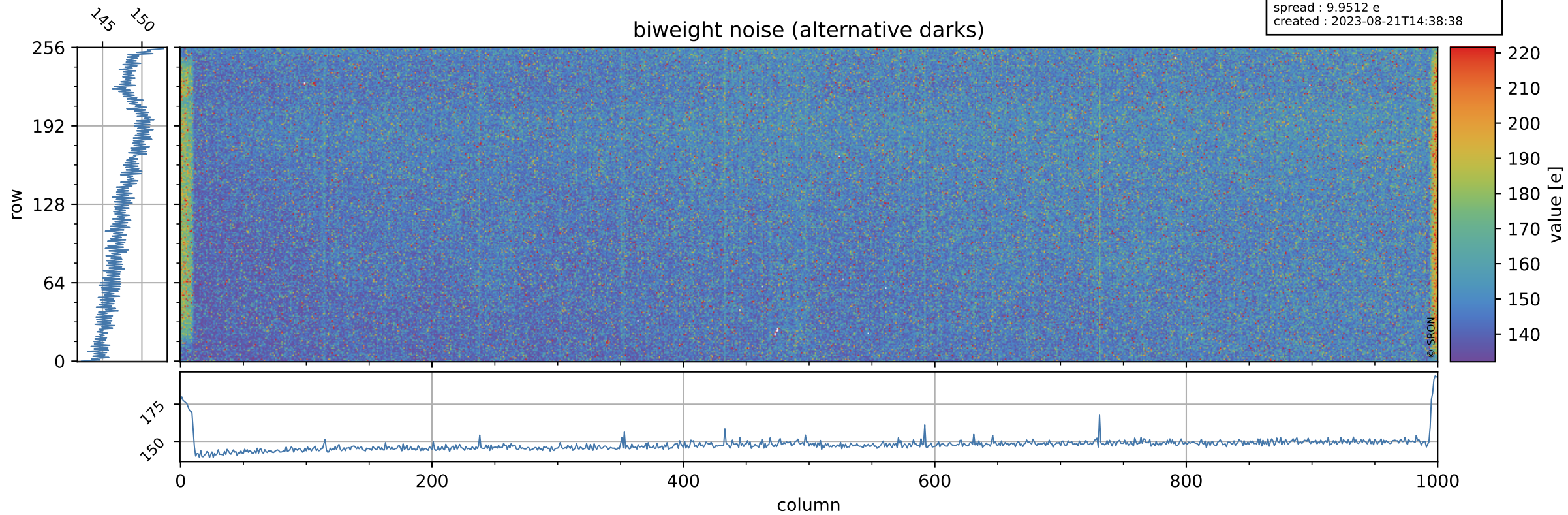
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9512 e
created : 2023-08-21T14:38:38

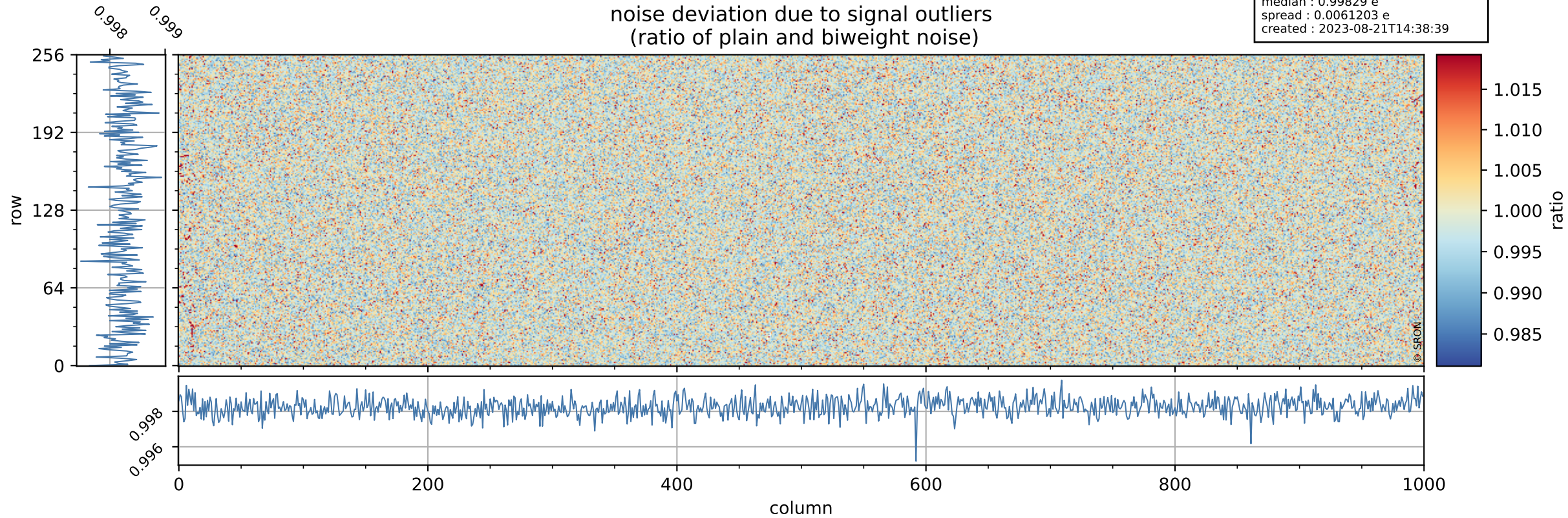
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

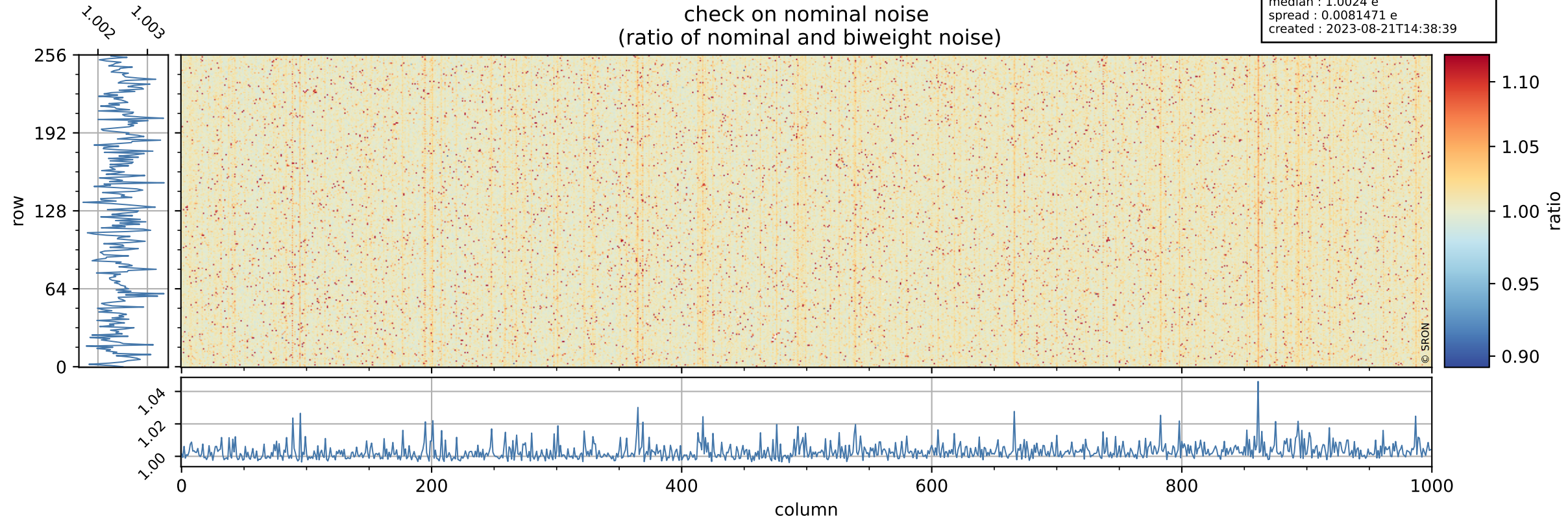
orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
median : 0.99829 e
spread : 0.0061203 e
created : 2023-08-21T14:38:39



Tropomi SWIR background noise (swir)

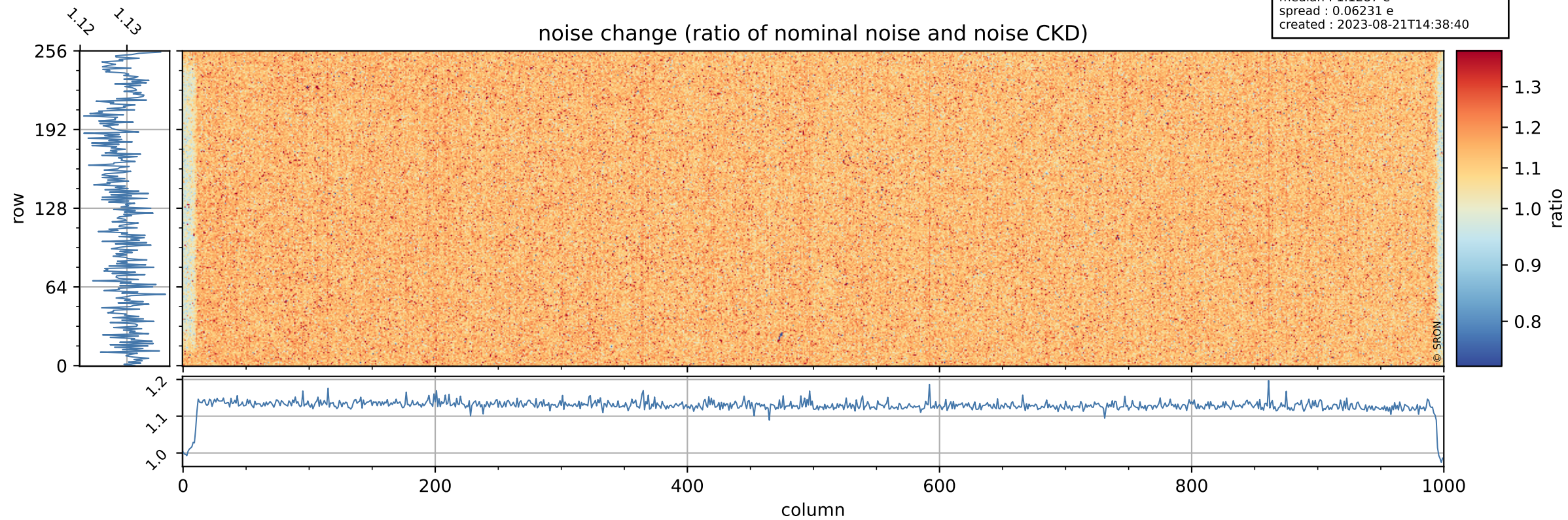
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
median : 1.0024 e
spread : 0.0081471 e
created : 2023-08-21T14:38:39



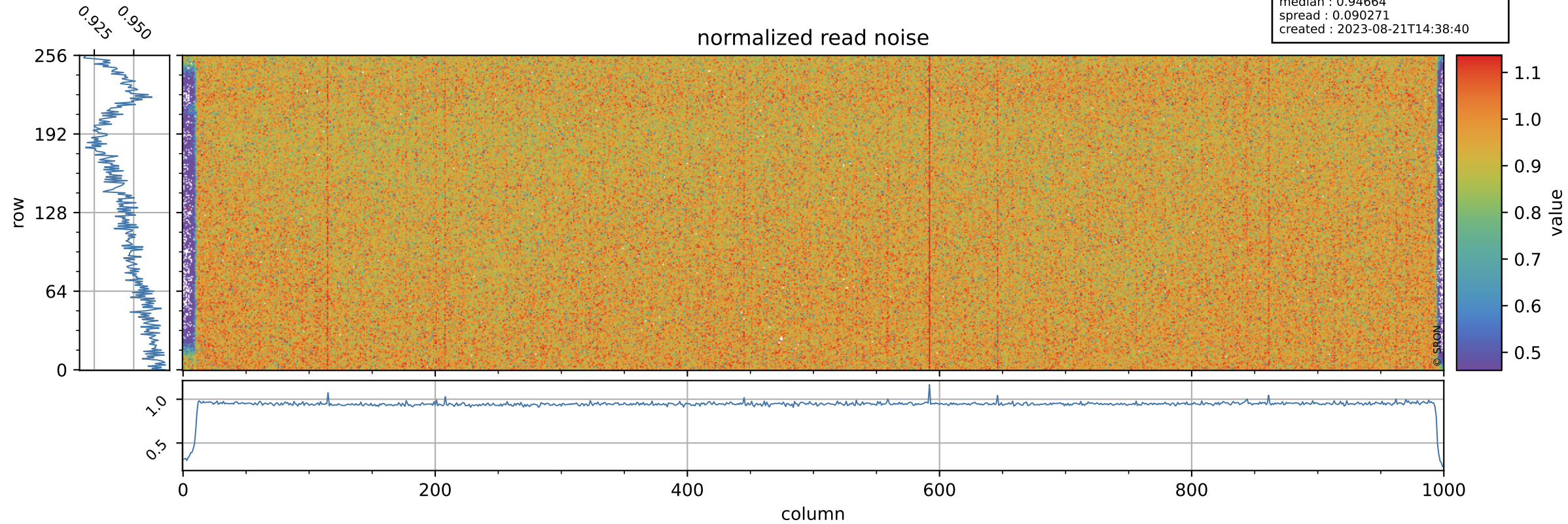
Tropomi SWIR background noise (swir)

orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
median : 1.1287 e
spread : 0.06231 e
created : 2023-08-21T14:38:40



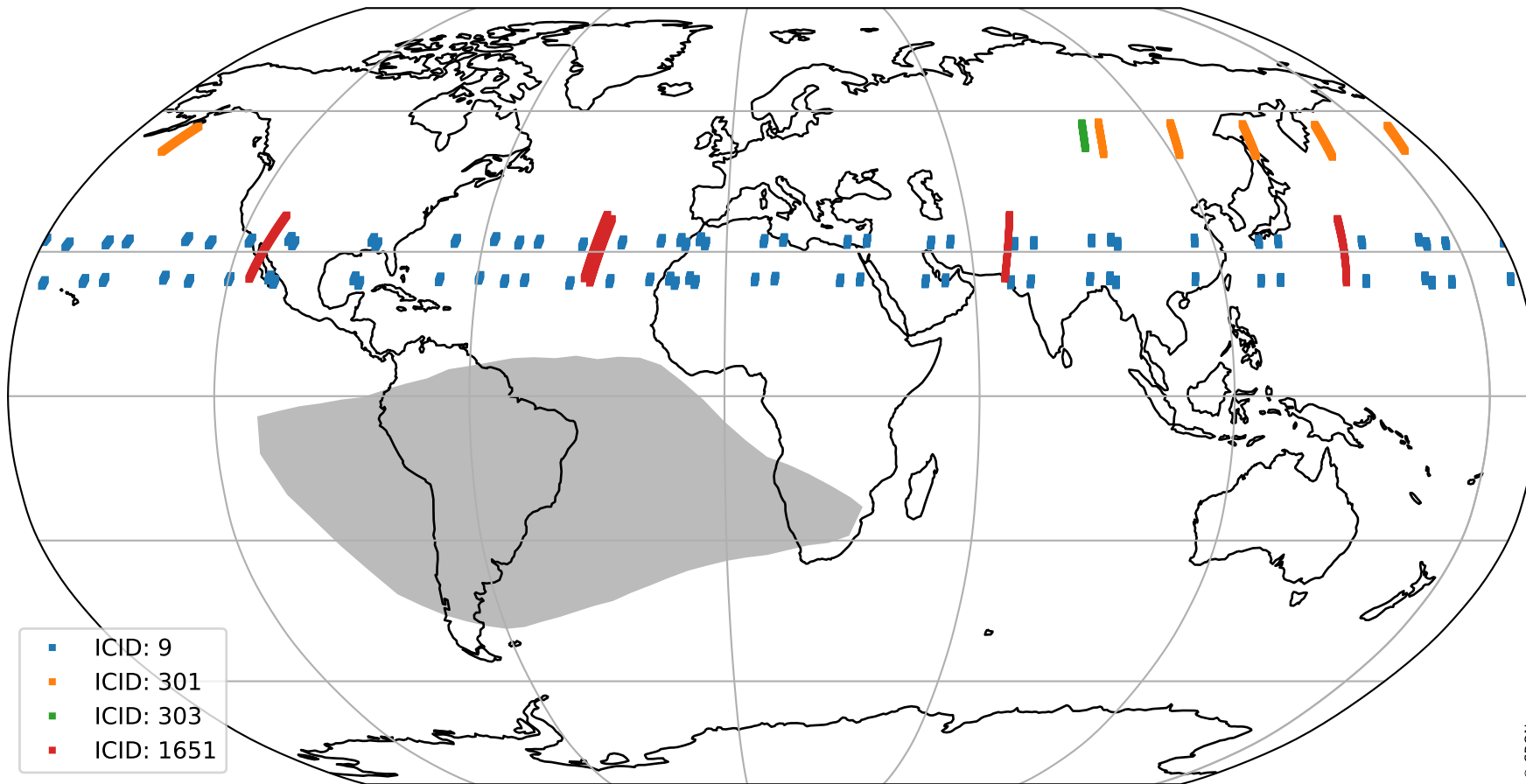
Tropomi SWIR background noise (swir)

orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
median : 0.94664
spread : 0.090271
created : 2023-08-21T14:38:40



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

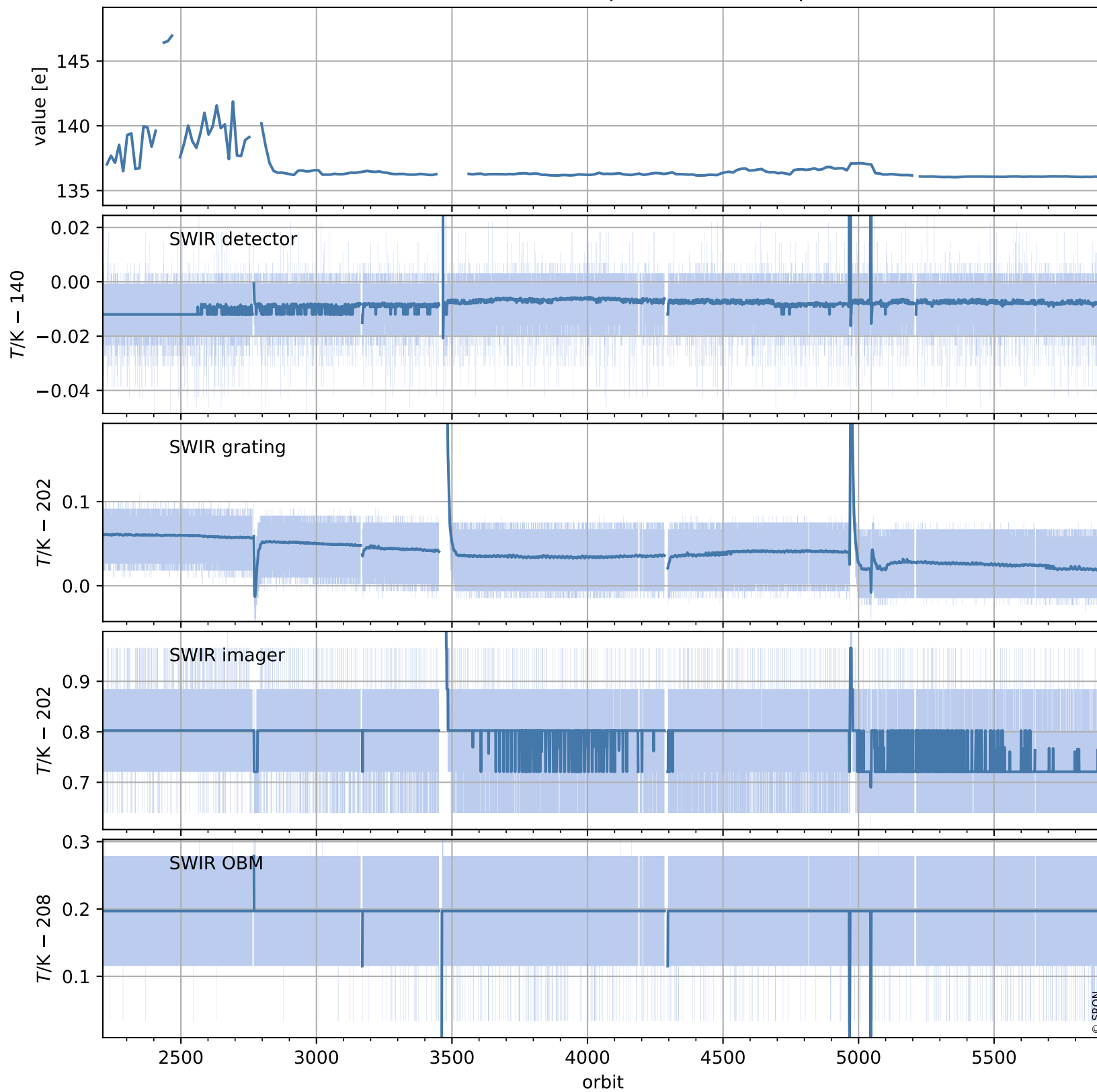
orbits : 12 in [5812, 5902]
coverage : 2018-11-27 / 2018-12-03
created : 2023-08-21T14:38:40



Tropomi SWIR background noise (swir)

orbits : [2212, 5902]
coverage : 2018-03-18 / 2018-12-03
created : 2023-08-21T14:38:40

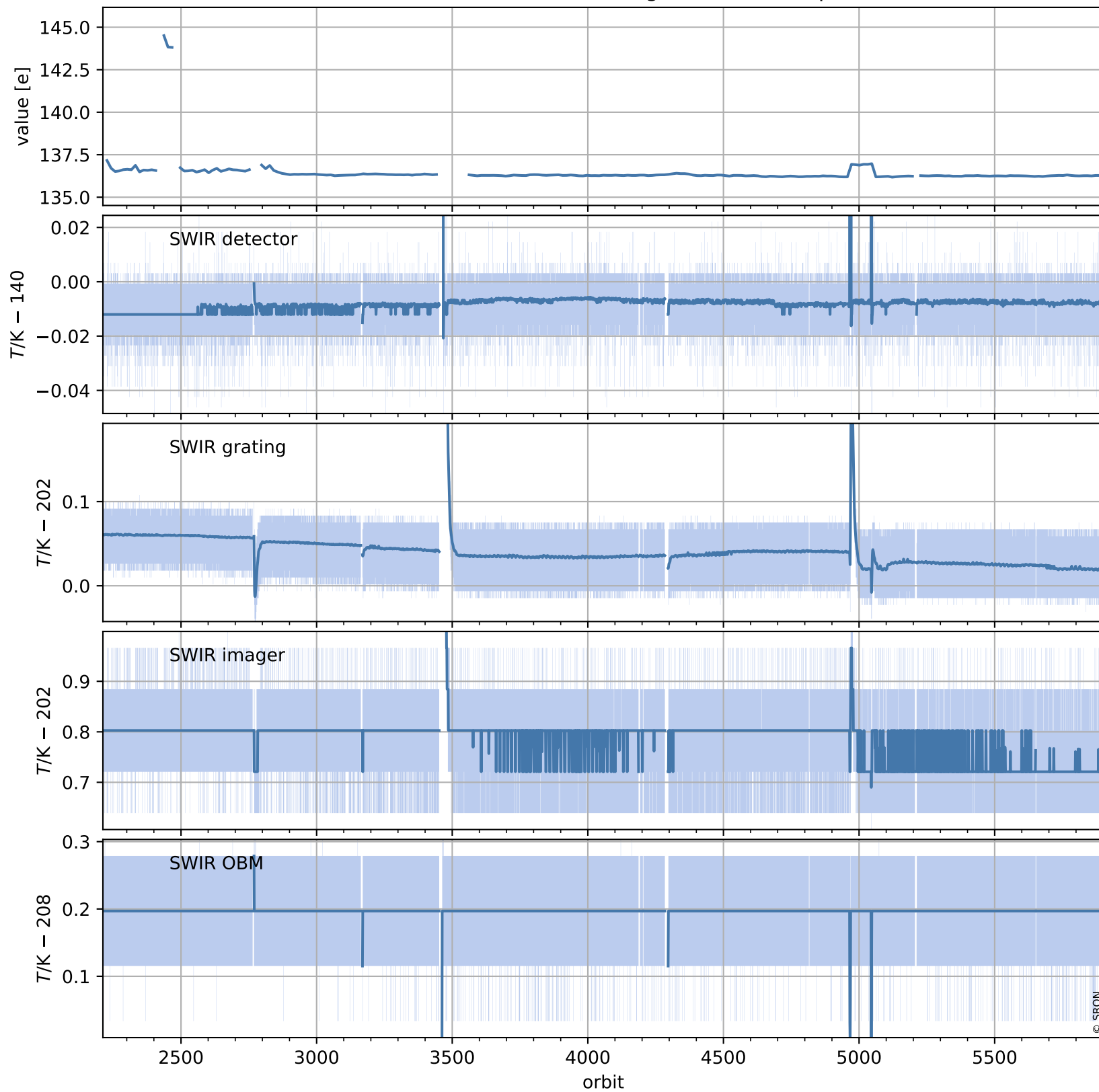
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5902]
coverage : 2018-03-18 / 2018-12-03
created : 2023-08-21T14:38:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5902]
coverage : 2018-03-18 / 2018-12-03
created : 2023-08-21T14:38:42

trend of normalized read-noise & temperatures

