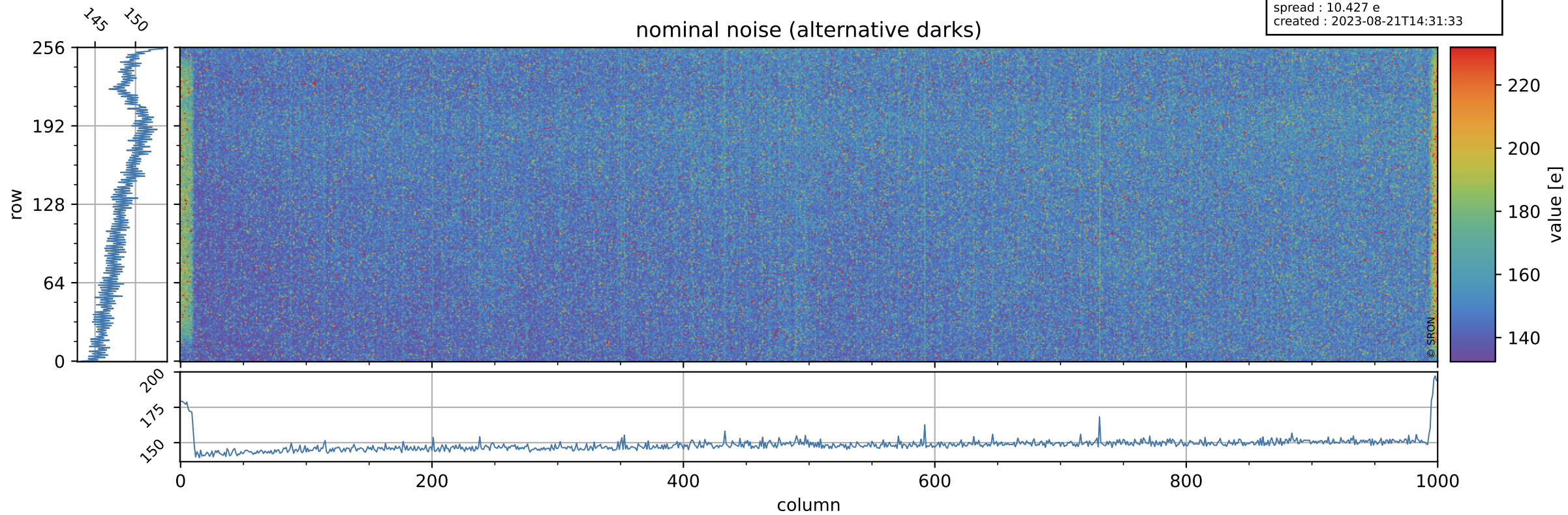


Tropomi SWIR background noise (swir)

orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.427 e
created : 2023-08-21T14:31:33

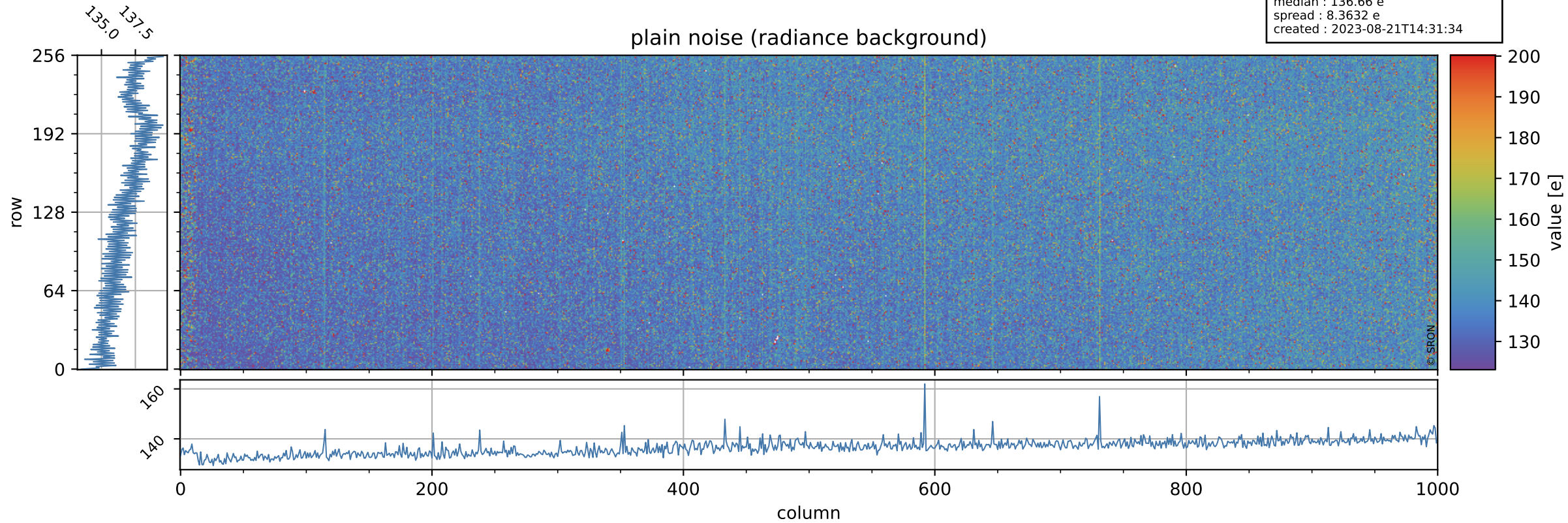
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
n_coad, t_exp : 2, 0.5383
median : 136.66 e
spread : 8.3632 e
created : 2023-08-21T14:31:34

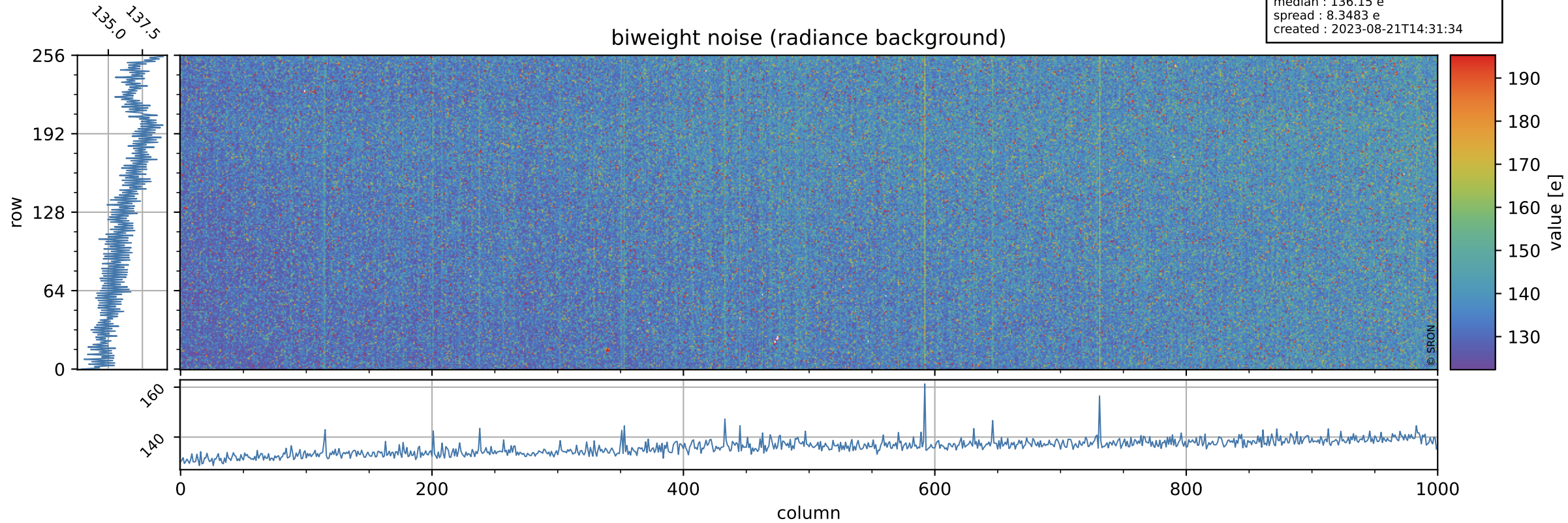
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.3483 e
created : 2023-08-21T14:31:34

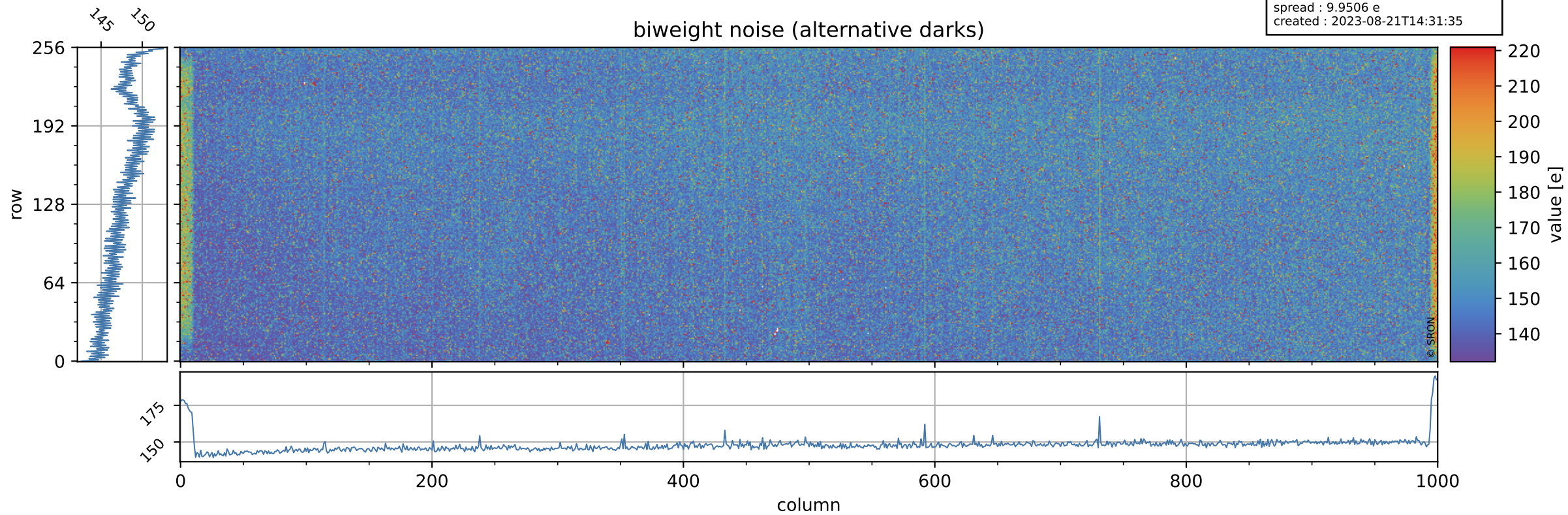
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.9506 e
created : 2023-08-21T14:31:35

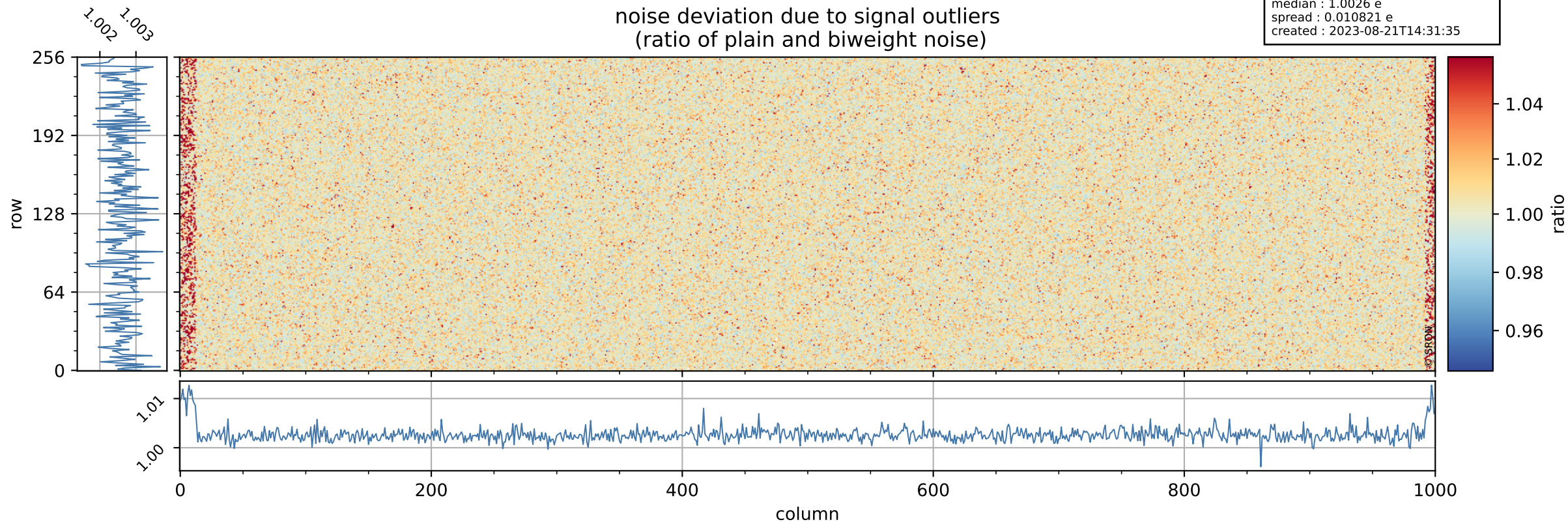
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

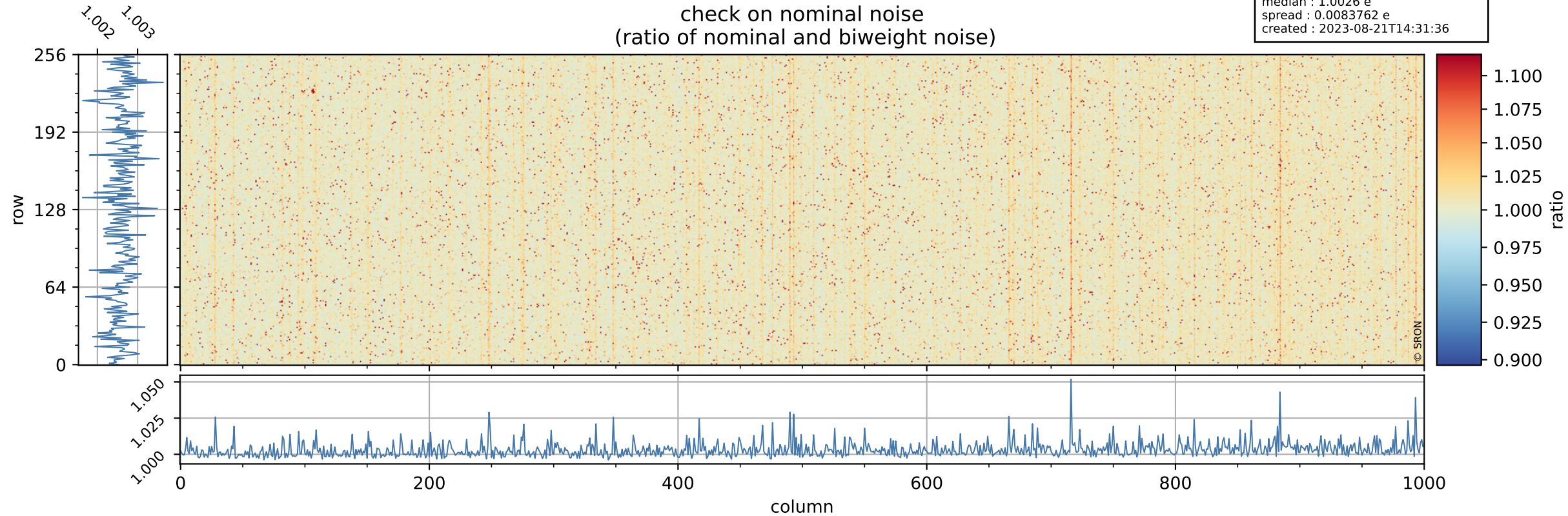
orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
median : 1.0026 e
spread : 0.010821 e
created : 2023-08-21T14:31:35



Tropomi SWIR background noise (swir)

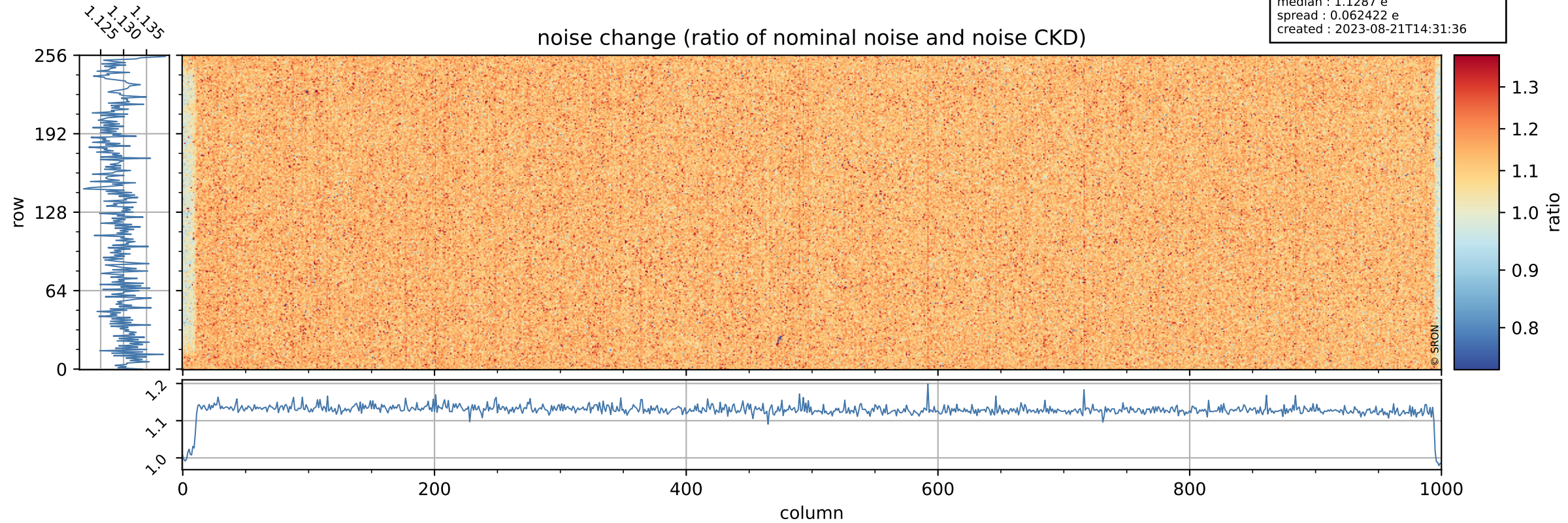
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
median : 1.0026 e
spread : 0.0083762 e
created : 2023-08-21T14:31:36



Tropomi SWIR background noise (swir)

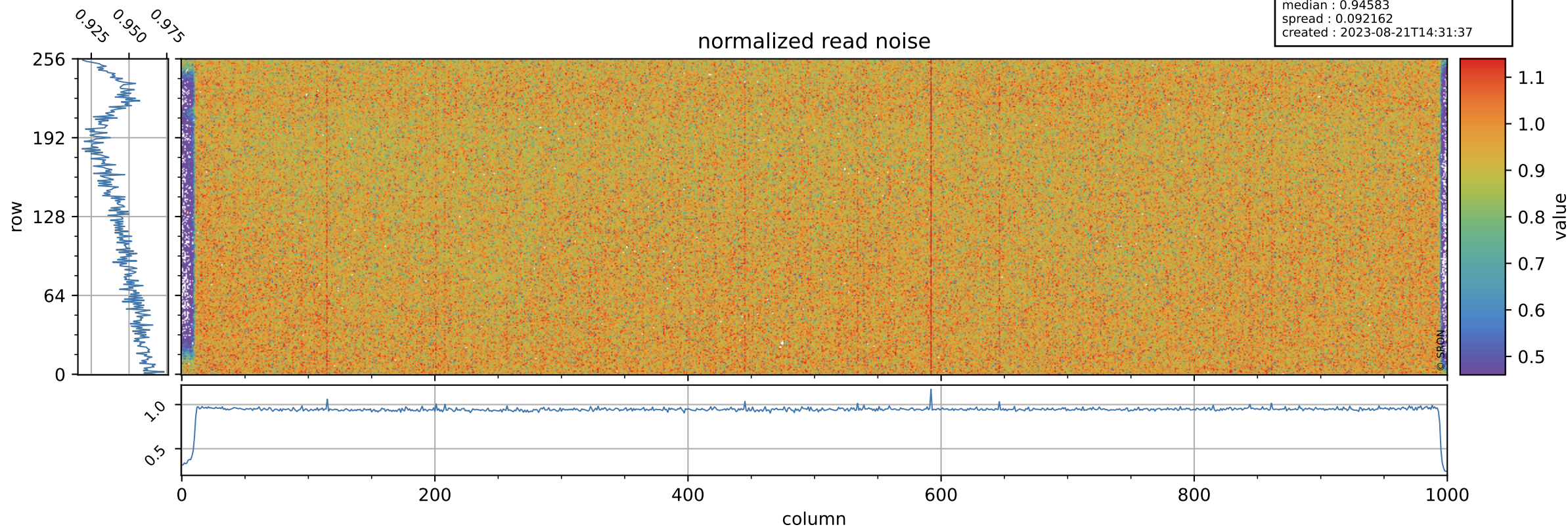
orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
median : 1.1287 e
spread : 0.062422 e
created : 2023-08-21T14:31:36



Tropomi SWIR background noise (swir)

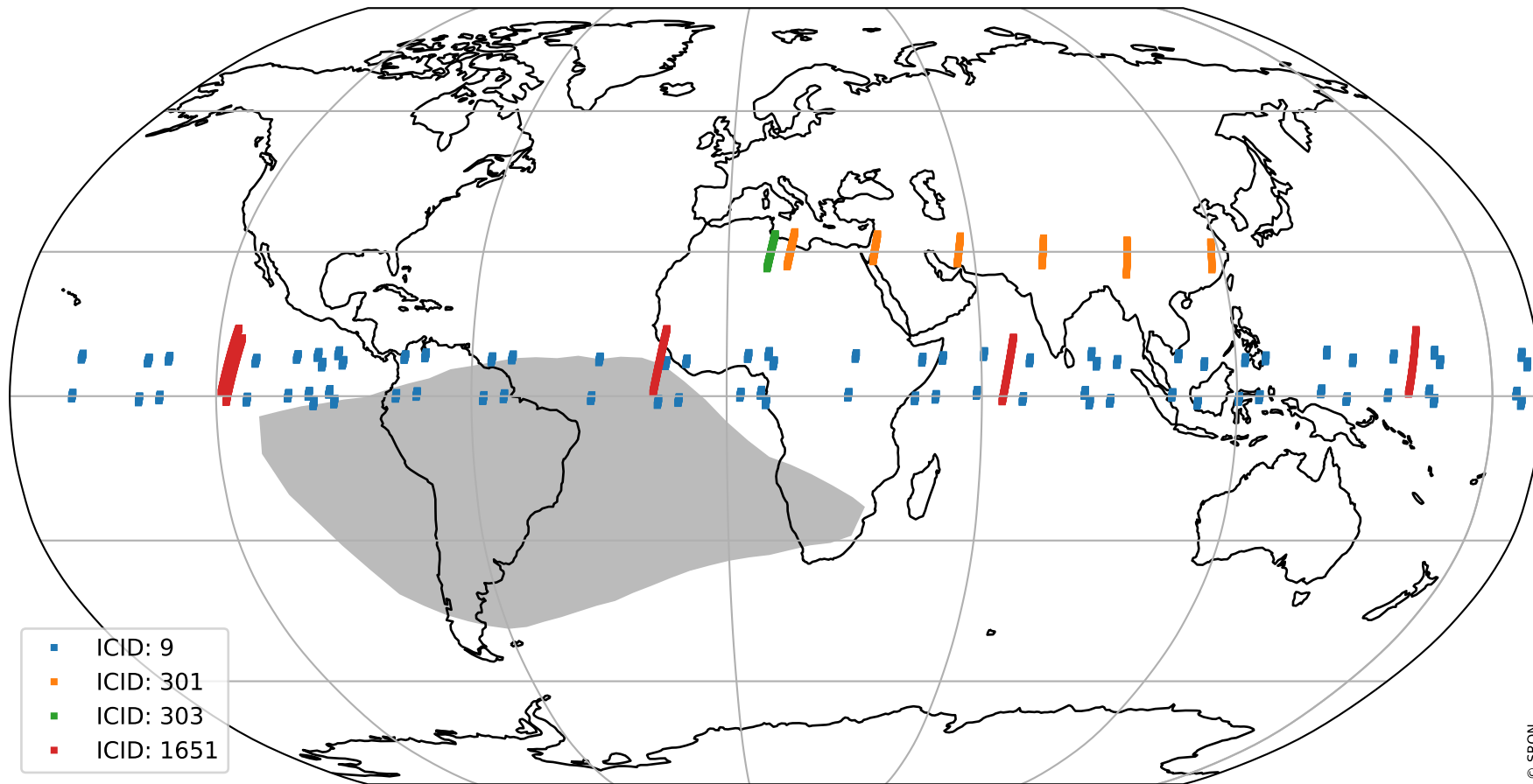
orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
median : 0.94583
spread : 0.092162
created : 2023-08-21T14:31:37

normalized read noise



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

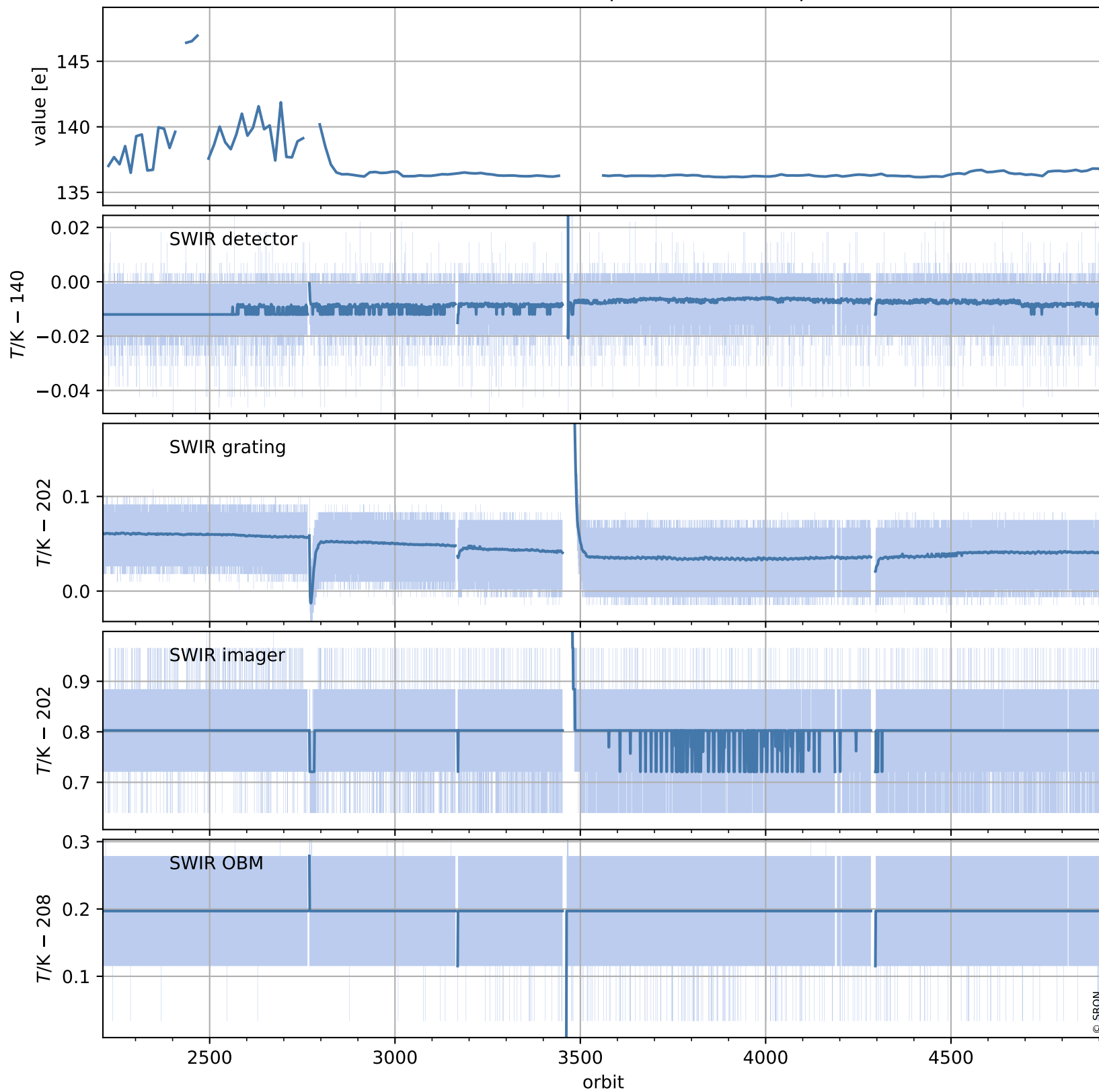
orbits : 12 in [4822, 4912]
coverage : 2018-09-18 / 2018-09-24
created : 2023-08-21T14:31:37



Tropomi SWIR background noise (swir)

orbits : [2212, 4912]
coverage : 2018-03-18 / 2018-09-24
created : 2023-08-21T14:31:37

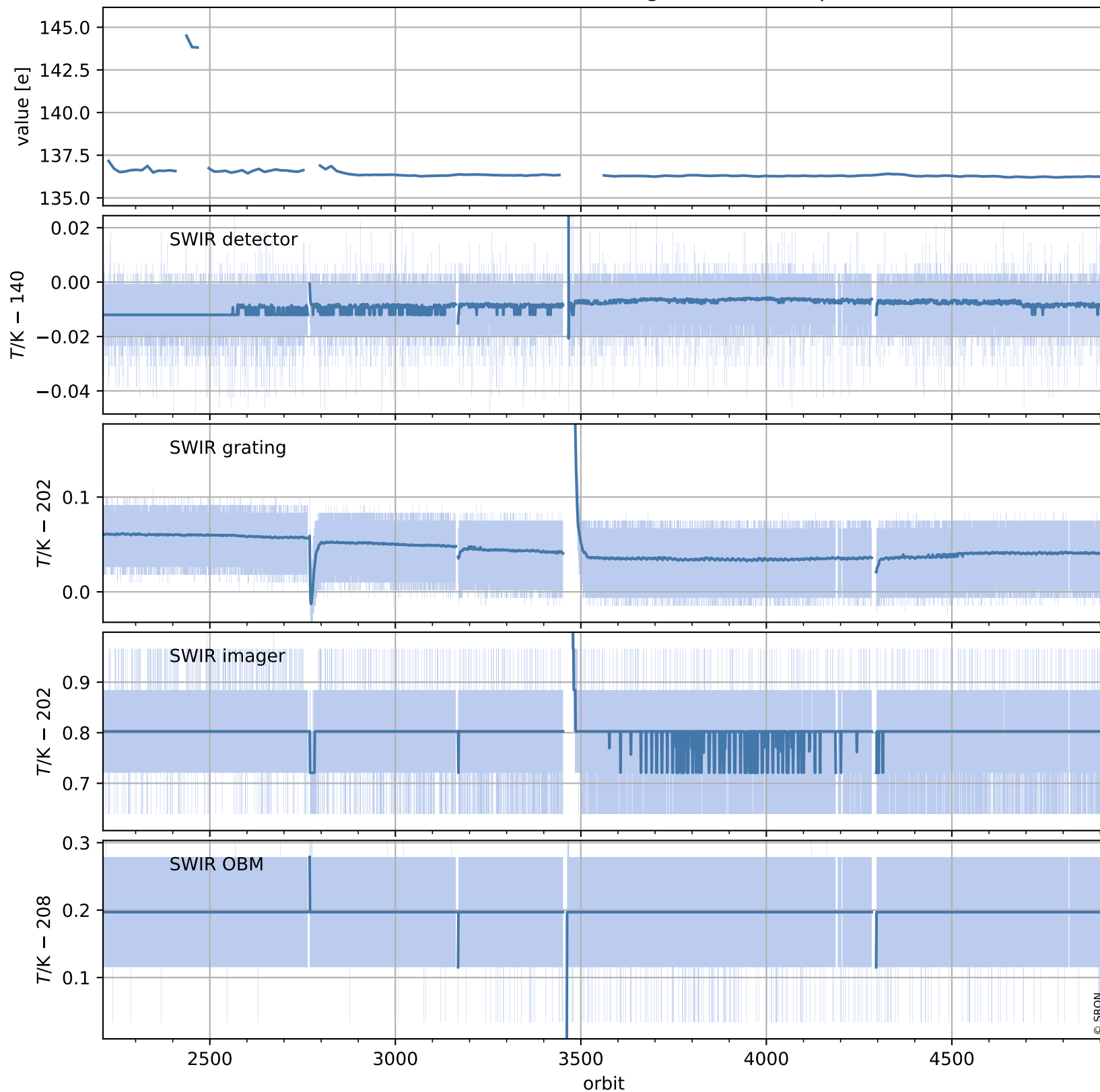
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4912]
coverage : 2018-03-18 / 2018-09-24
created : 2023-08-21T14:31:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4912]
coverage : 2018-03-18 / 2018-09-24
created : 2023-08-21T14:31:39

trend of normalized read-noise & temperatures

