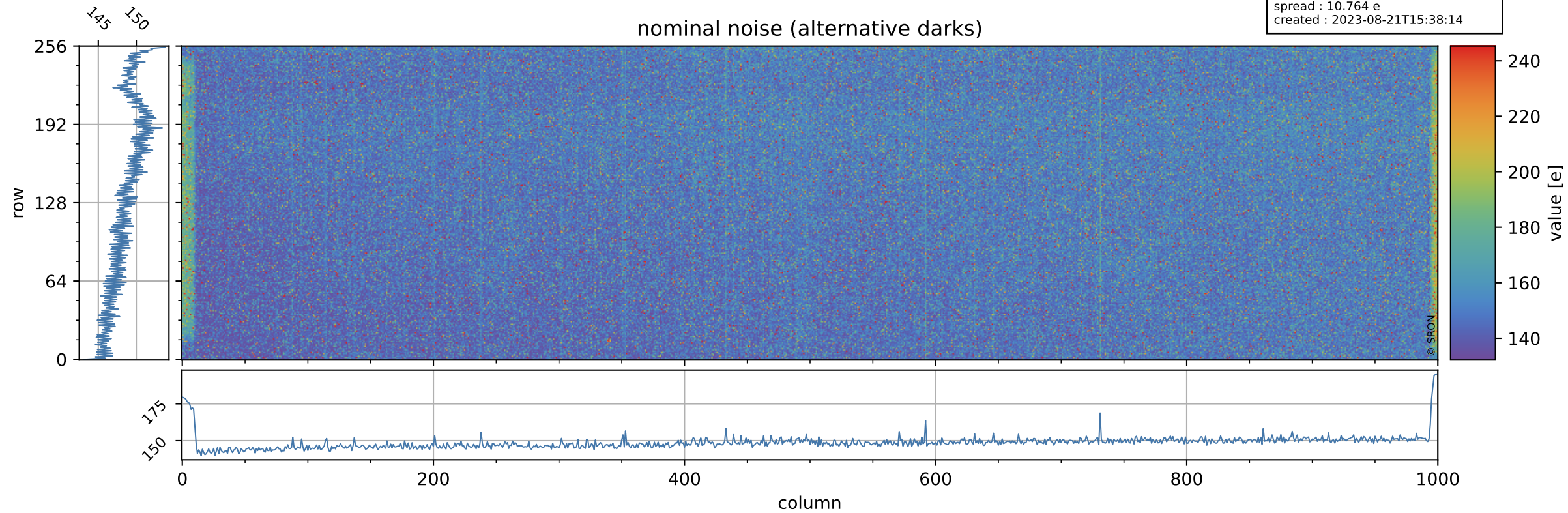


Tropomi SWIR background noise (swir)

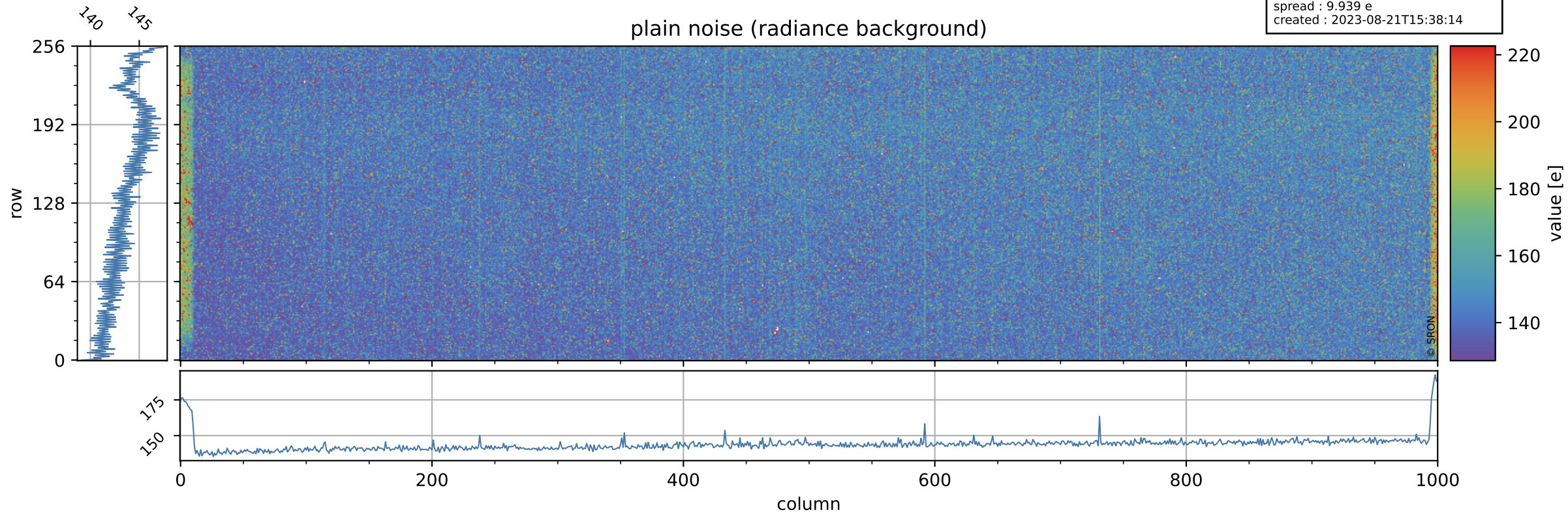
orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.764 e
created : 2023-08-21T15:38:14



Tropomi SWIR background noise (swir)

orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.939 e
created : 2023-08-21T15:38:14

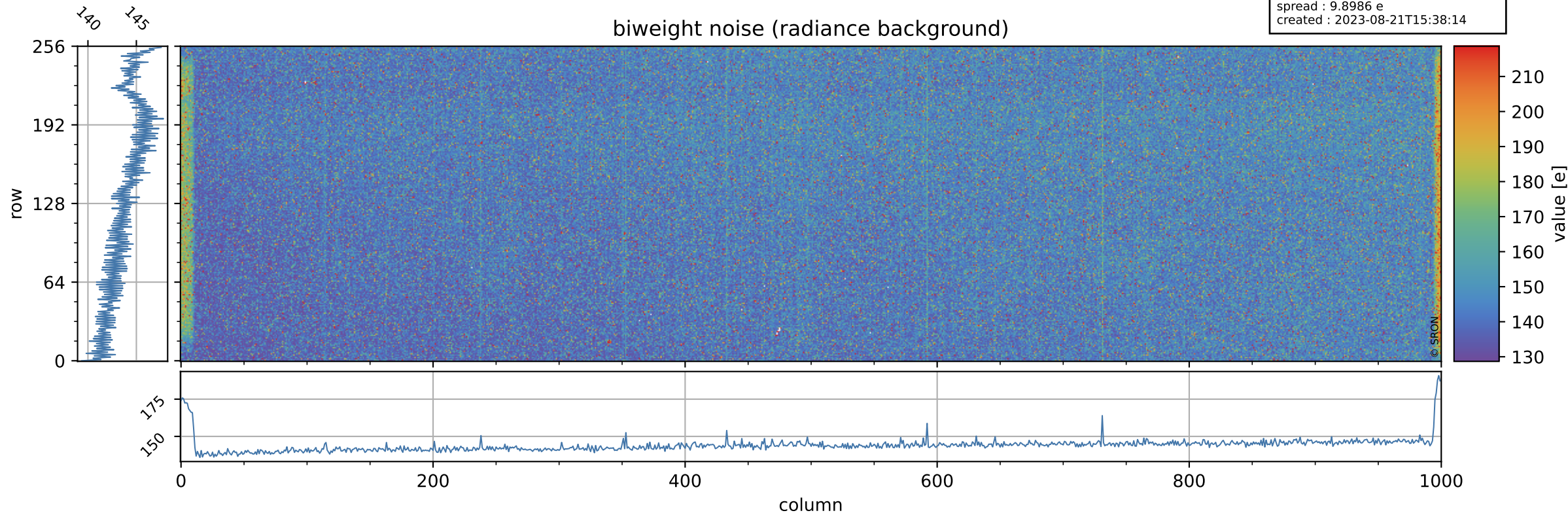
plain noise (radiance background)



Tropomi SWIR background noise (swir)

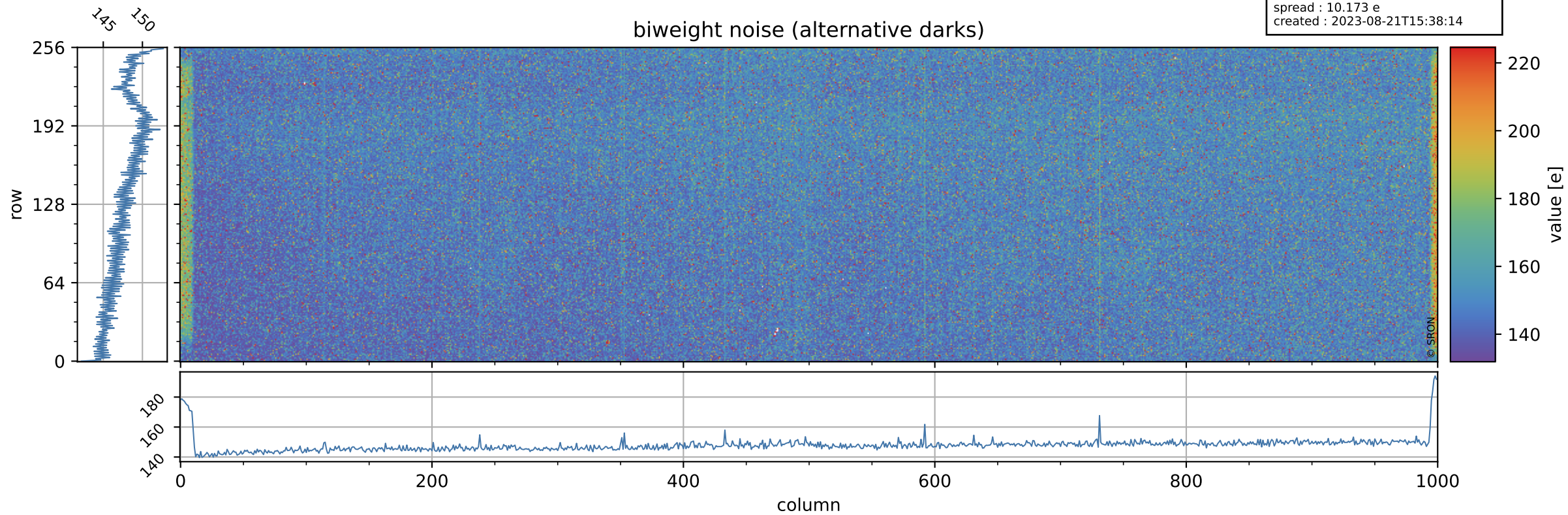
orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8986 e
created : 2023-08-21T15:38:14

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

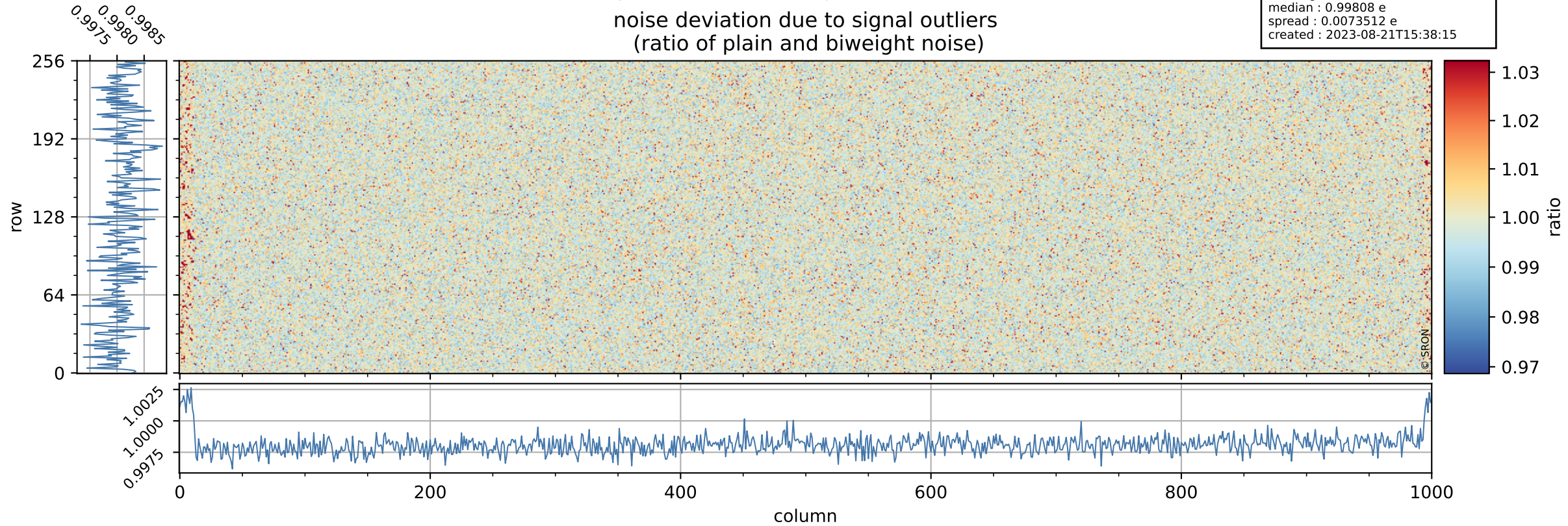
orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.173 e
created : 2023-08-21T15:38:14



Tropomi SWIR background noise (swir)

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

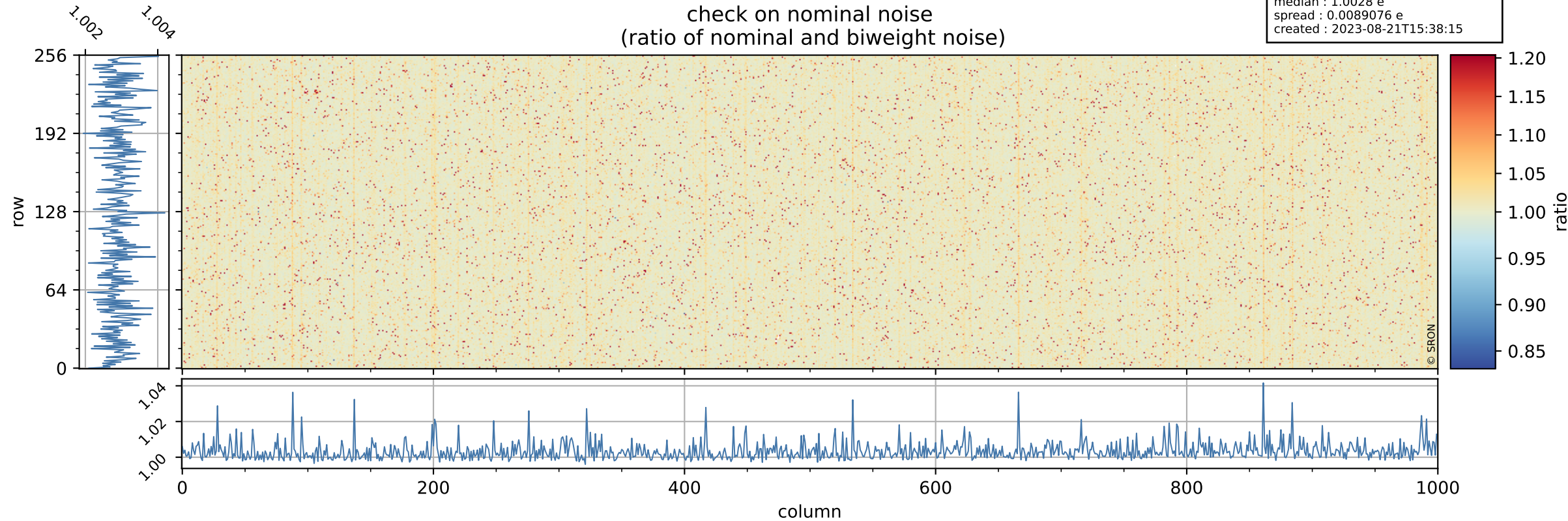
orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
median : 0.99808 e
spread : 0.0073512 e
created : 2023-08-21T15:38:15



Tropomi SWIR background noise (swir)

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

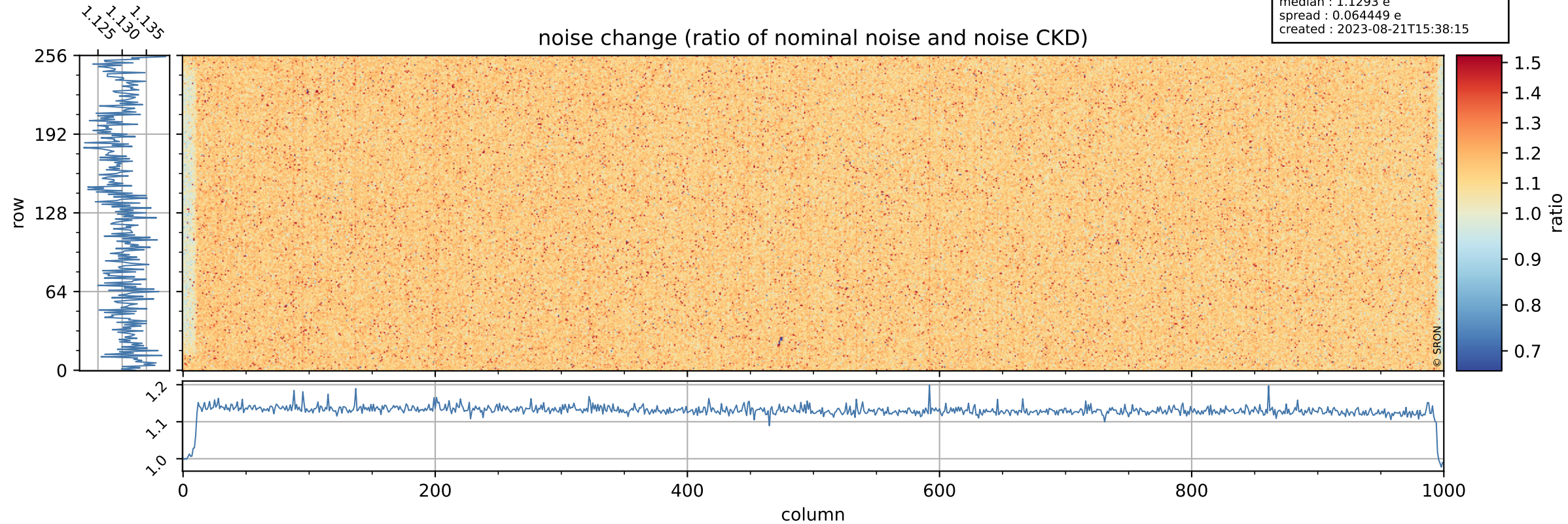
orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
median : 1.0028 e
spread : 0.0089076 e
created : 2023-08-21T15:38:15



Tropomi SWIR background noise (swir)

orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
median : 1.1293 e
spread : 0.064449 e
created : 2023-08-21T15:38:15

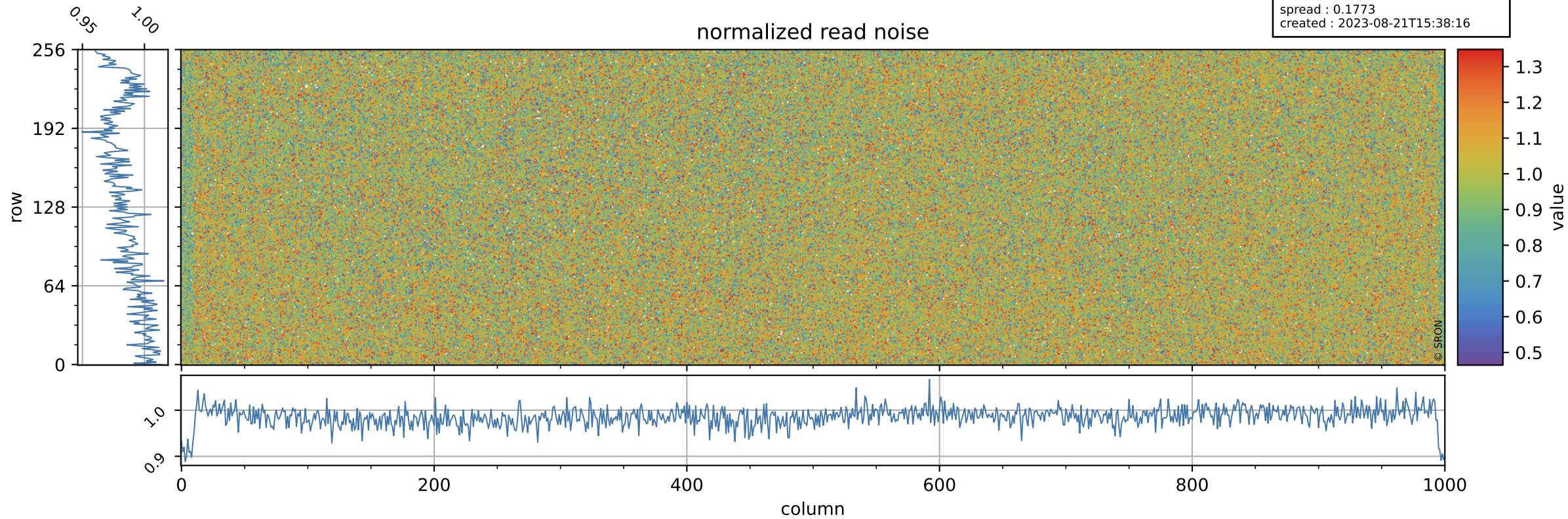
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

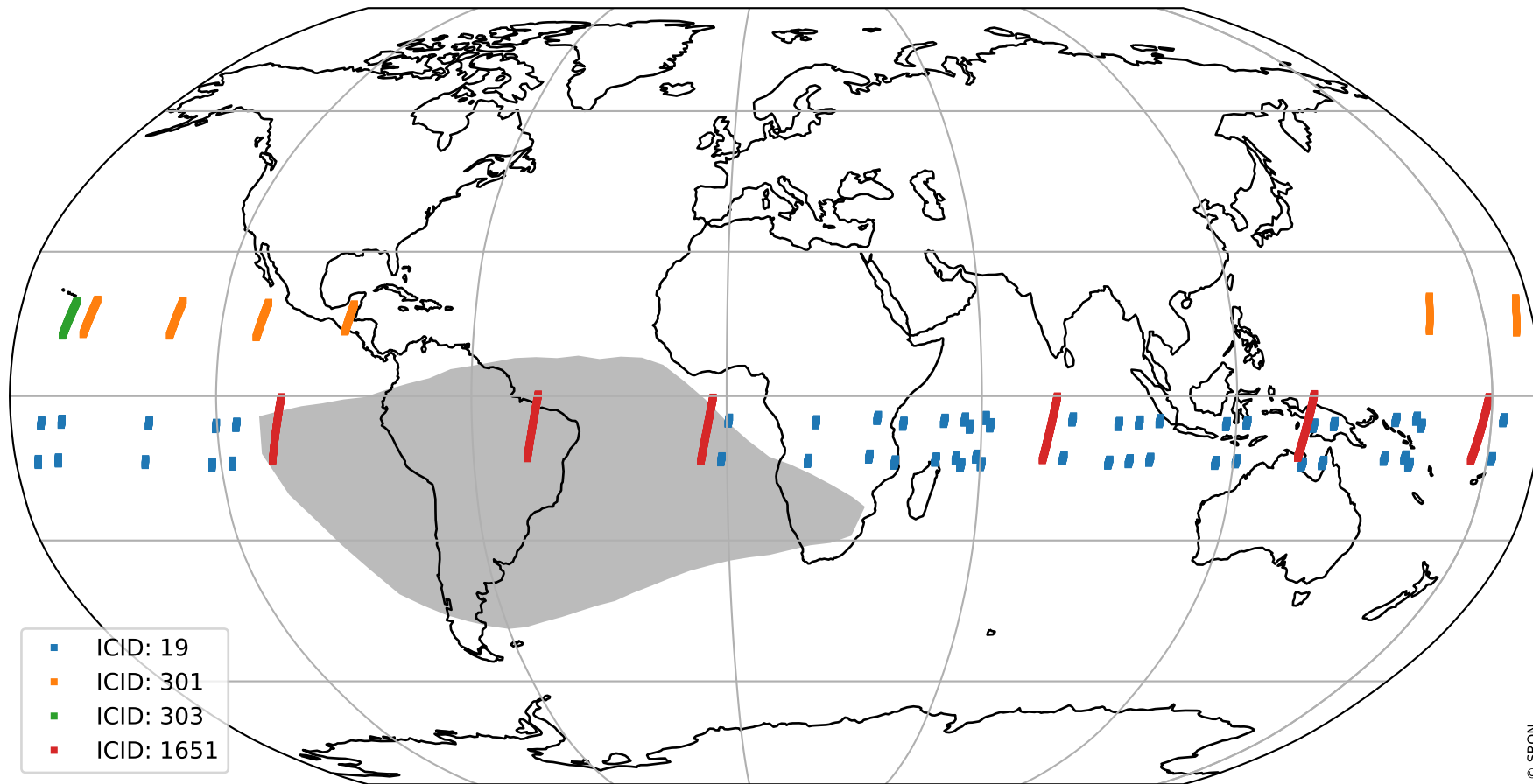
orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
median : 0.98442
spread : 0.1773
created : 2023-08-21T15:38:16

normalized read noise



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

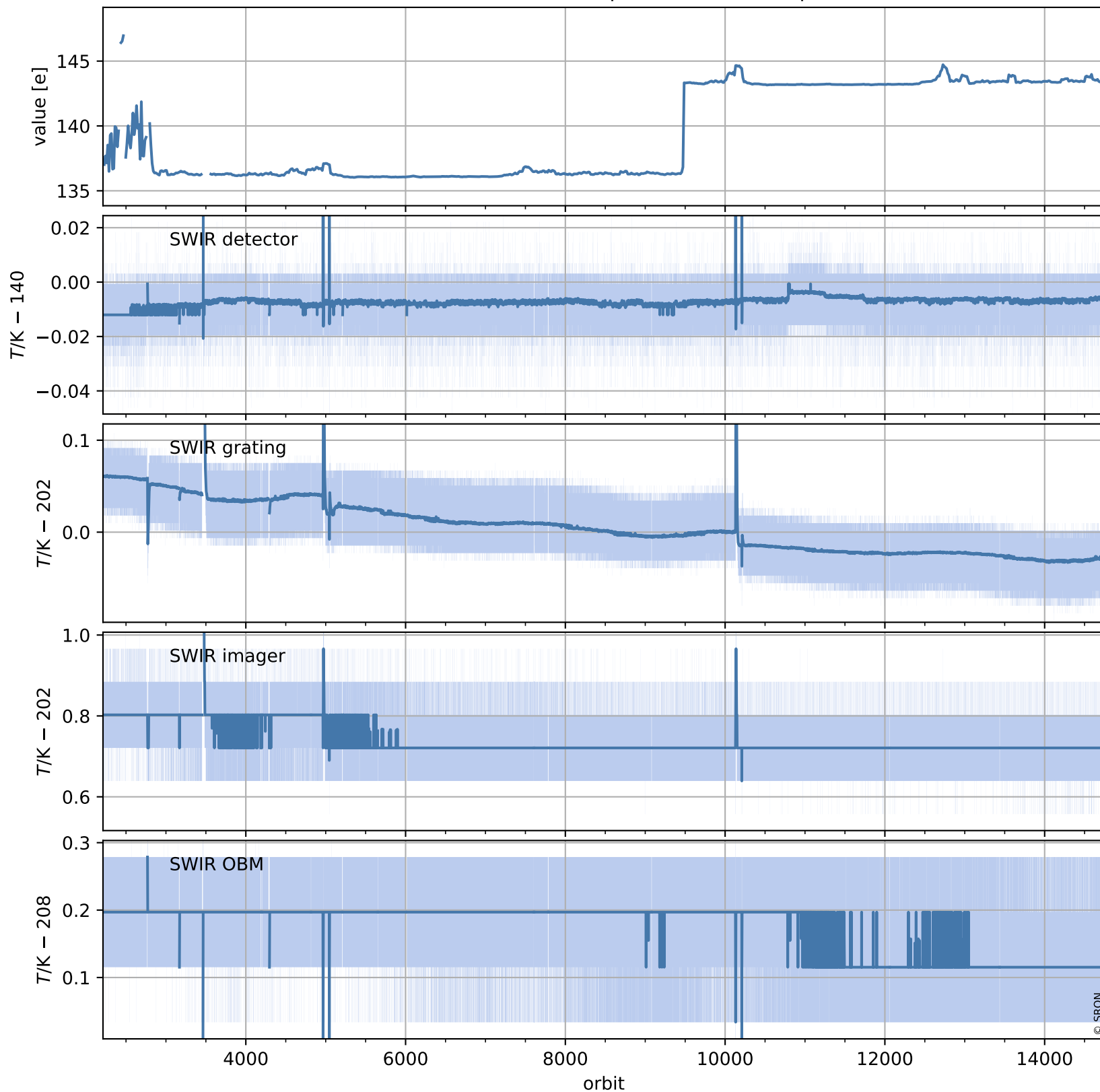
orbits : 13 in [14662, 14752]
coverage : 2020-08-12 / 2020-08-17
created : 2023-08-21T15:38:16



Tropomi SWIR background noise (swir)

orbits : [2212, 14752]
coverage : 2018-03-18 / 2020-08-17
created : 2023-08-21T15:38:16

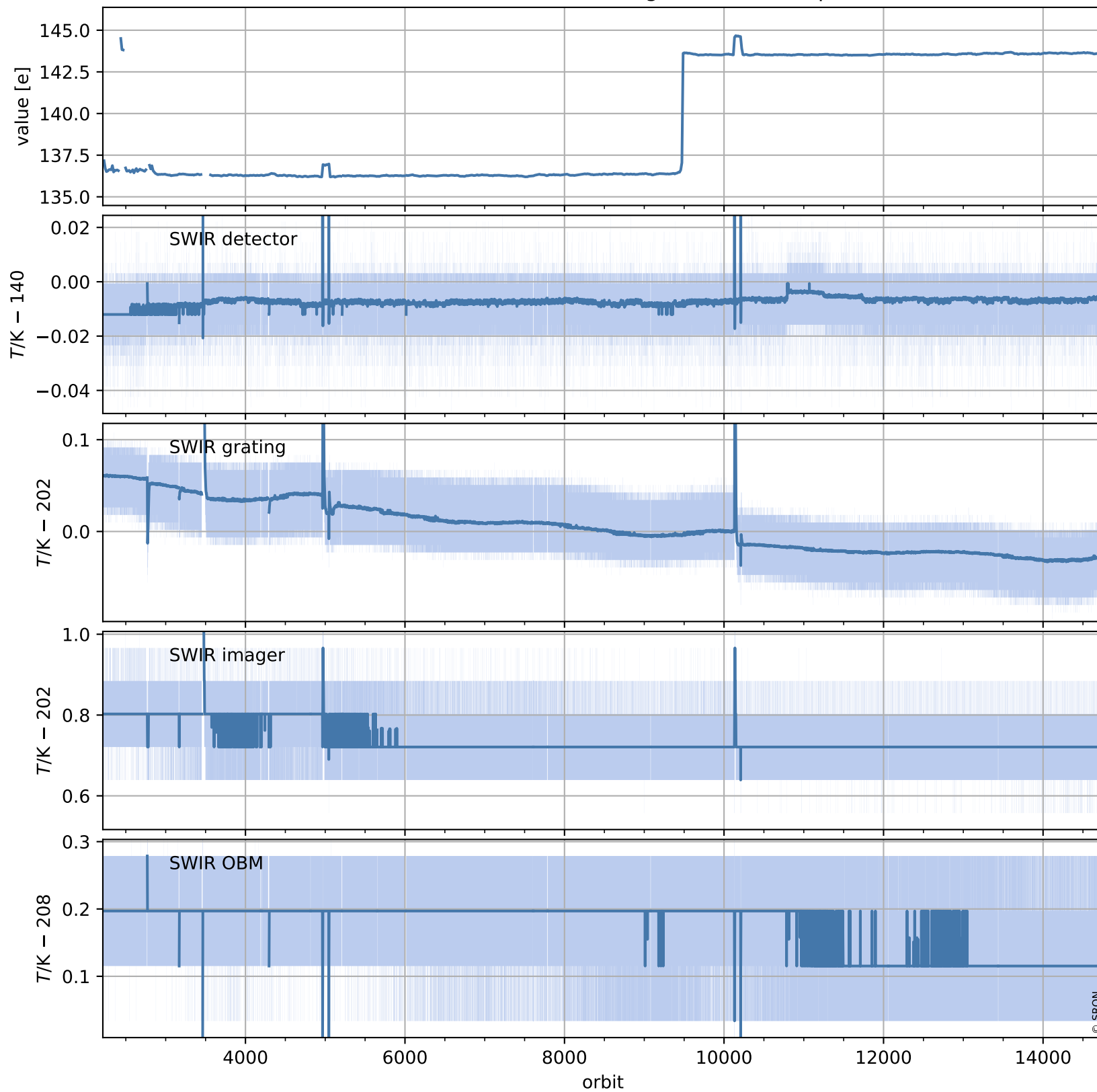
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14752]
coverage : 2018-03-18 / 2020-08-17
created : 2023-08-21T15:38:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14752]
coverage : 2018-03-18 / 2020-08-17
created : 2023-08-21T15:38:18

trend of normalized read-noise & temperatures

