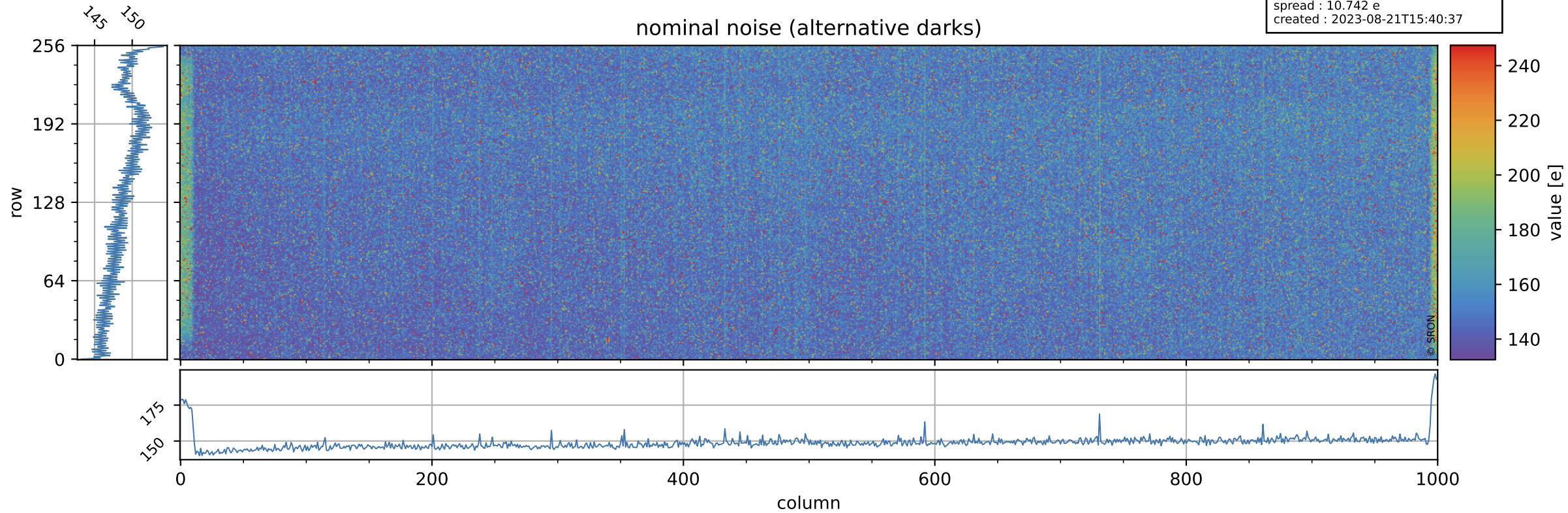


Tropomi SWIR background noise (swir)

orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.742 e
created : 2023-08-21T15:40:37

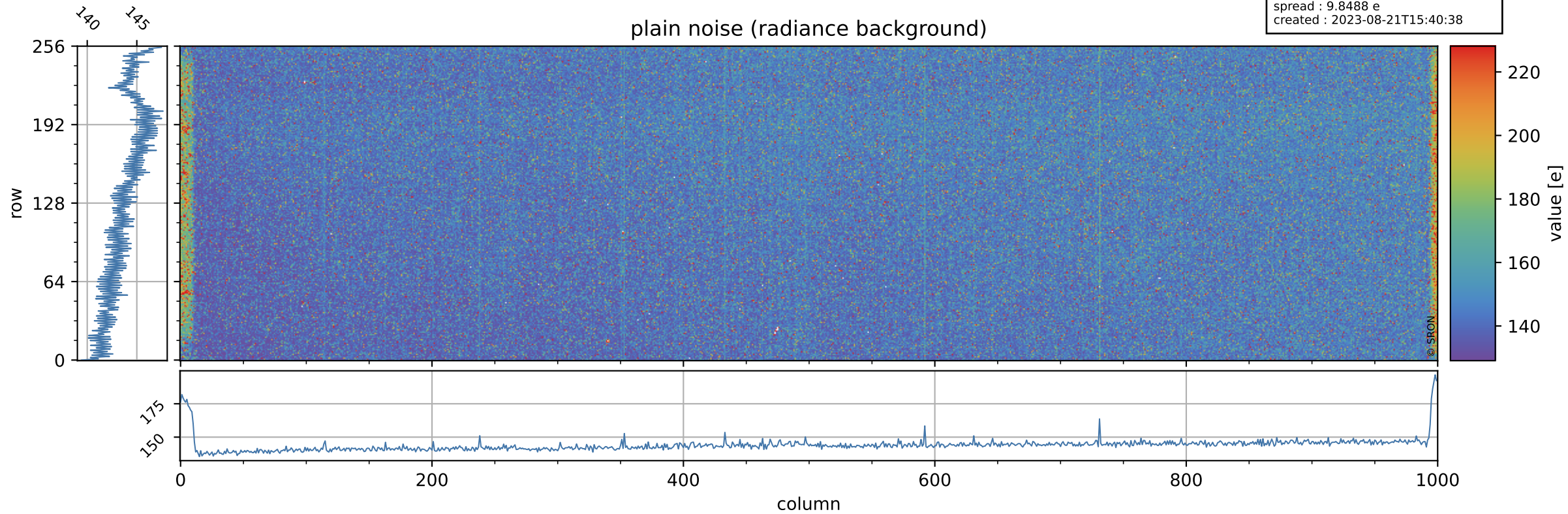
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8488 e
created : 2023-08-21T15:40:38

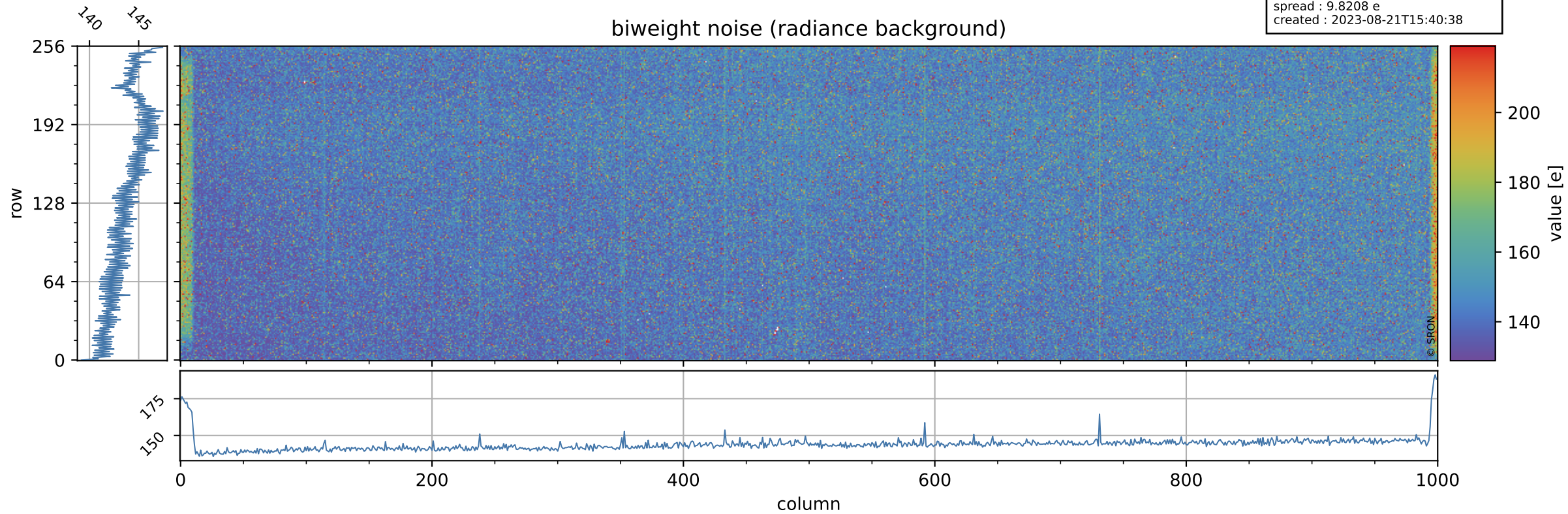
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8208 e
created : 2023-08-21T15:40:38

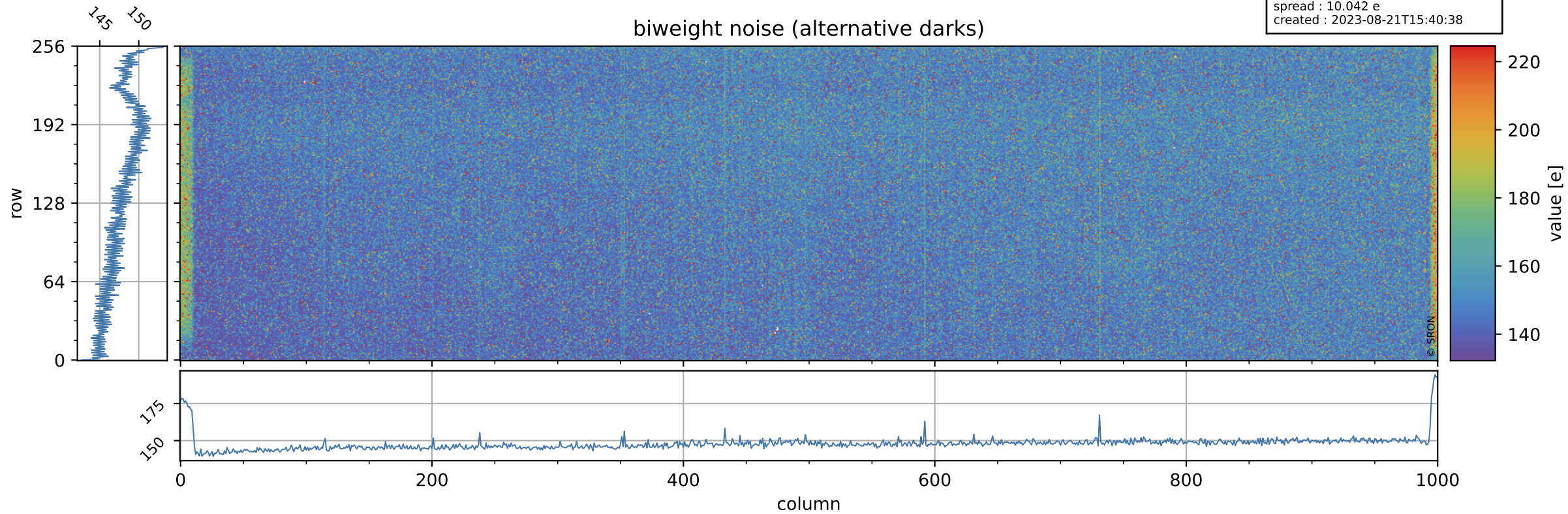
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.042 e
created : 2023-08-21T15:40:38

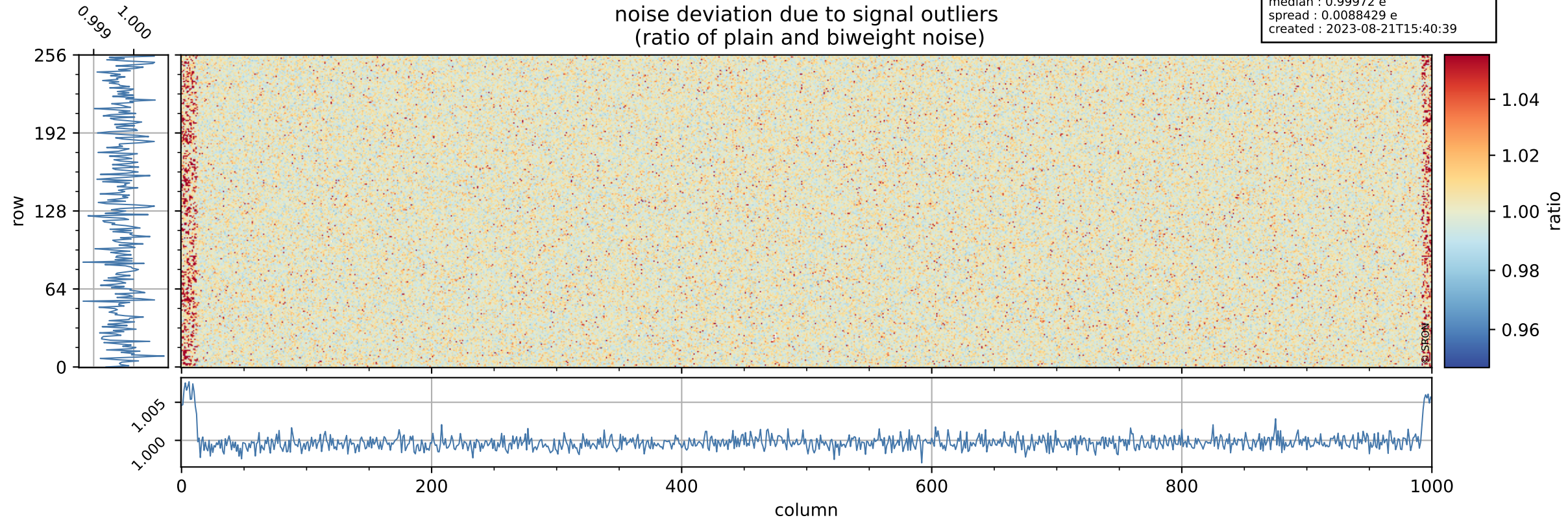
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

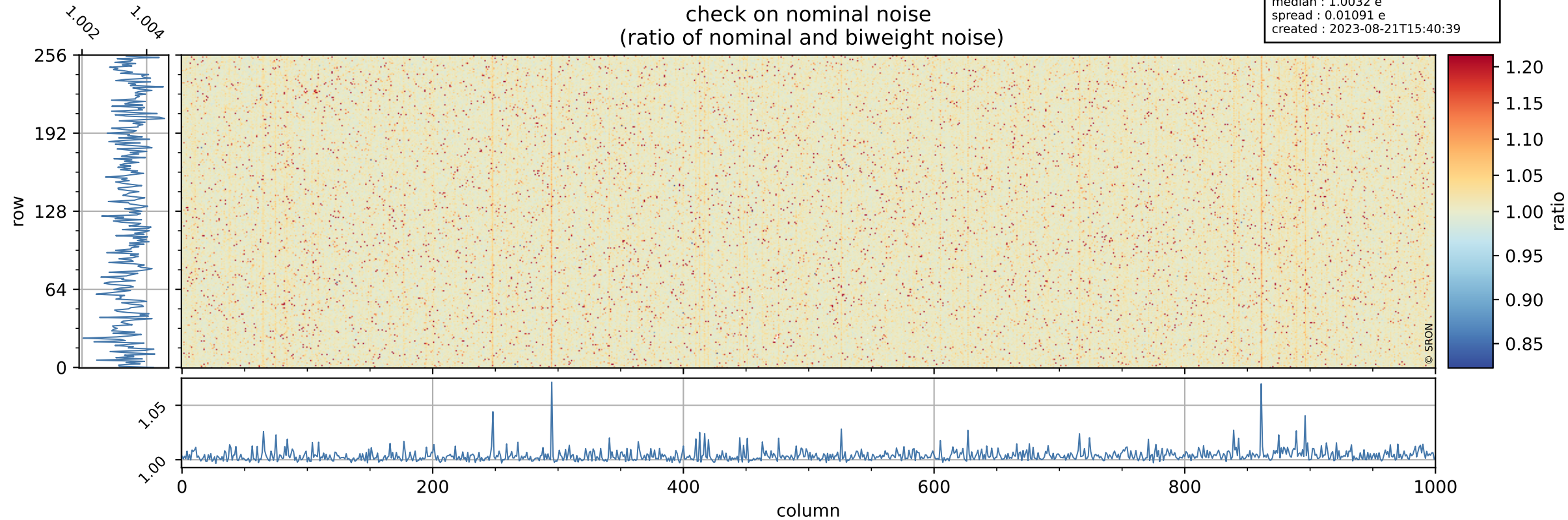
orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
median : 0.99972 e
spread : 0.0088429 e
created : 2023-08-21T15:40:39



Tropomi SWIR background noise (swir)

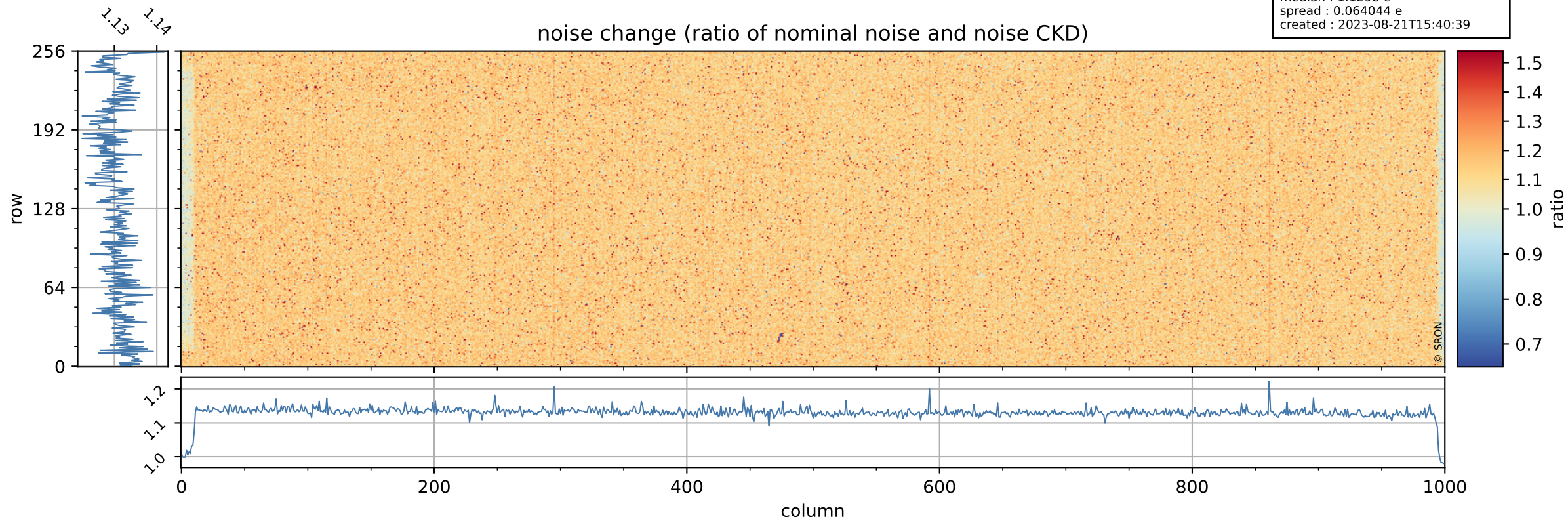
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
median : 1.0032 e
spread : 0.01091 e
created : 2023-08-21T15:40:39



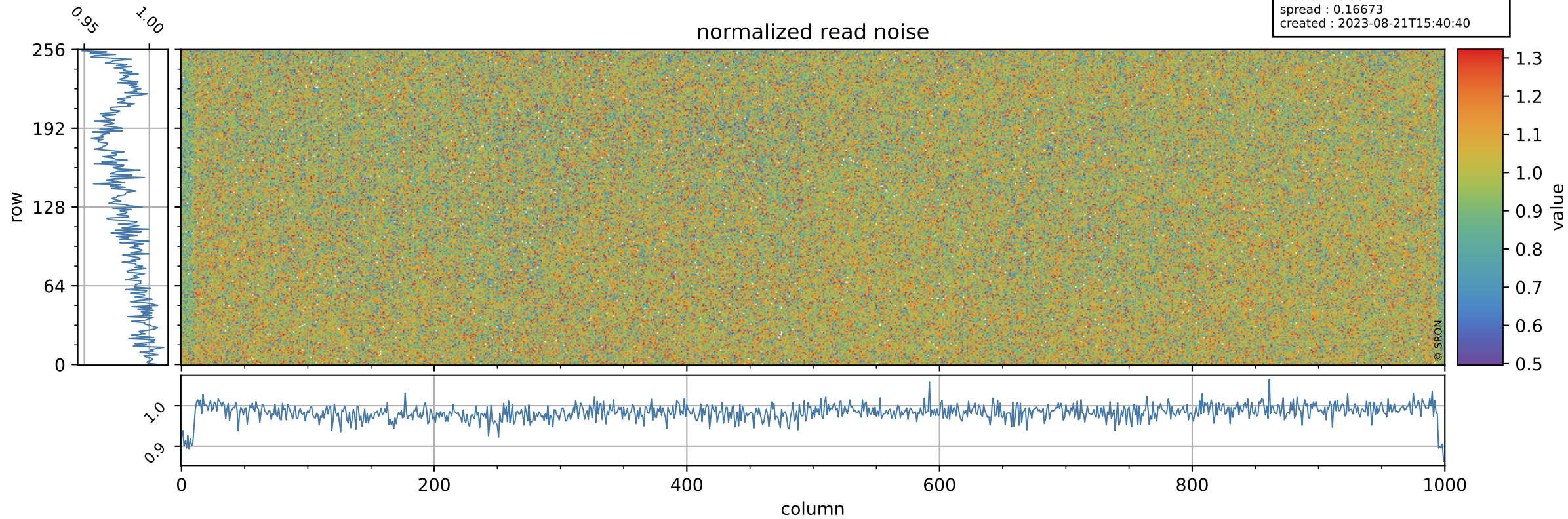
Tropomi SWIR background noise (swir)

orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
median : 1.1298 e
spread : 0.064044 e
created : 2023-08-21T15:40:39



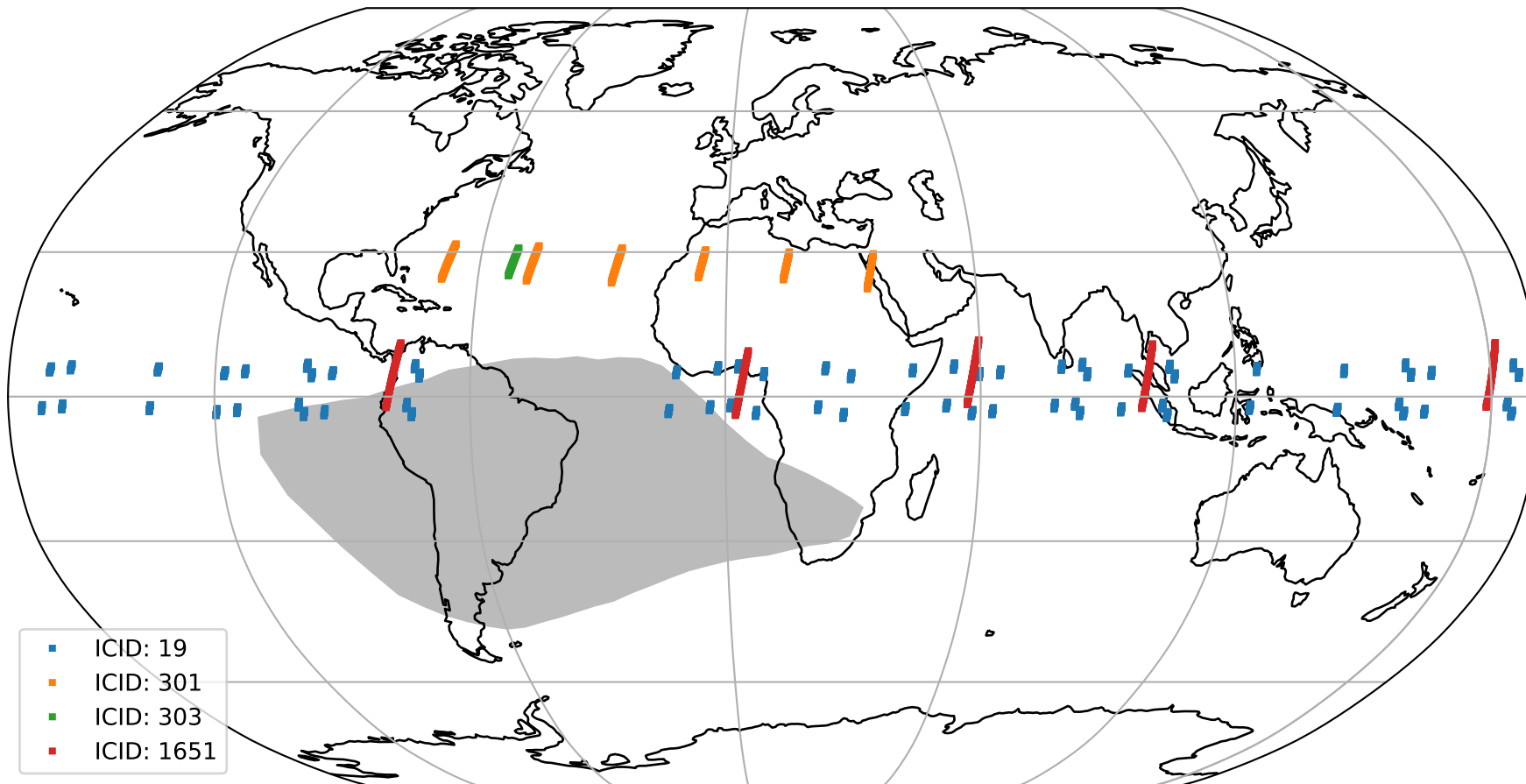
Tropomi SWIR background noise (swir)

orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
median : 0.98186
spread : 0.16673
created : 2023-08-21T15:40:40



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

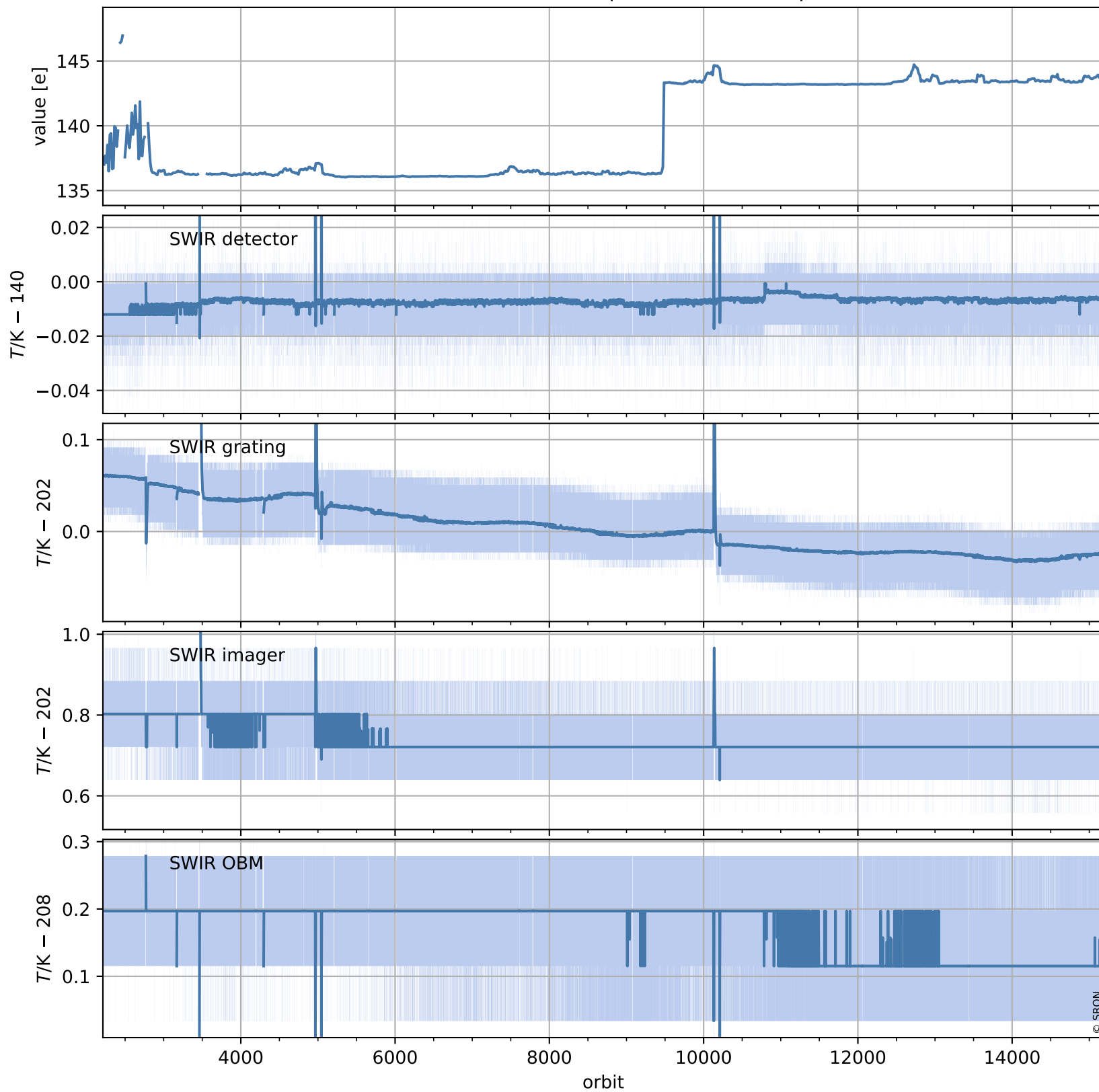
orbits : 12 in [15097, 15187]
coverage : 2020-09-11 / 2020-09-17
created : 2023-08-21T15:40:40



Tropomi SWIR background noise (swir)

orbits : [2212, 15187]
coverage : 2018-03-18 / 2020-09-17
created : 2023-08-21T15:40:40

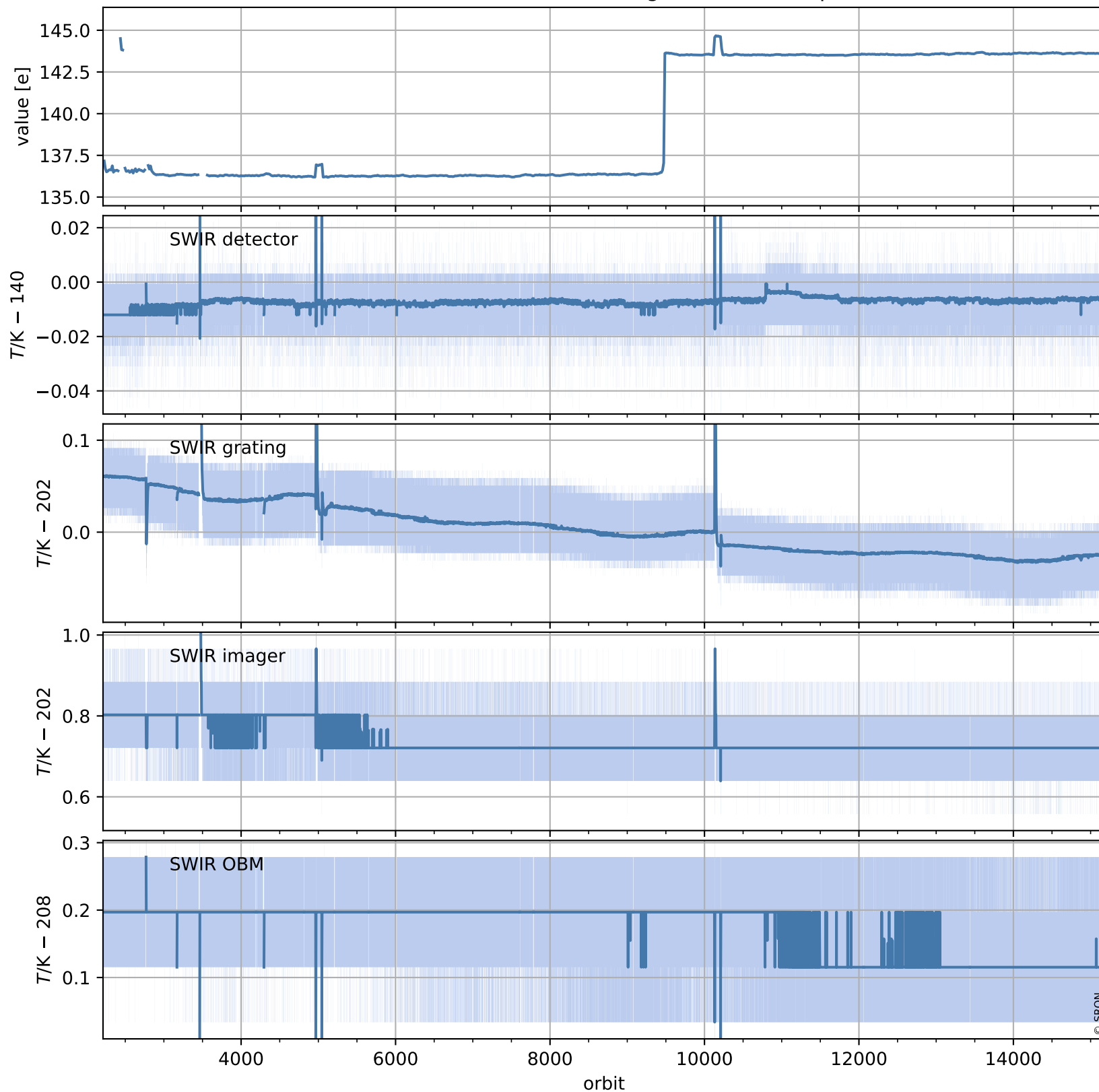
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15187]
coverage : 2018-03-18 / 2020-09-17
created : 2023-08-21T15:40:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15187]
coverage : 2018-03-18 / 2020-09-17
created : 2023-08-21T15:40:42

trend of normalized read-noise & temperatures

