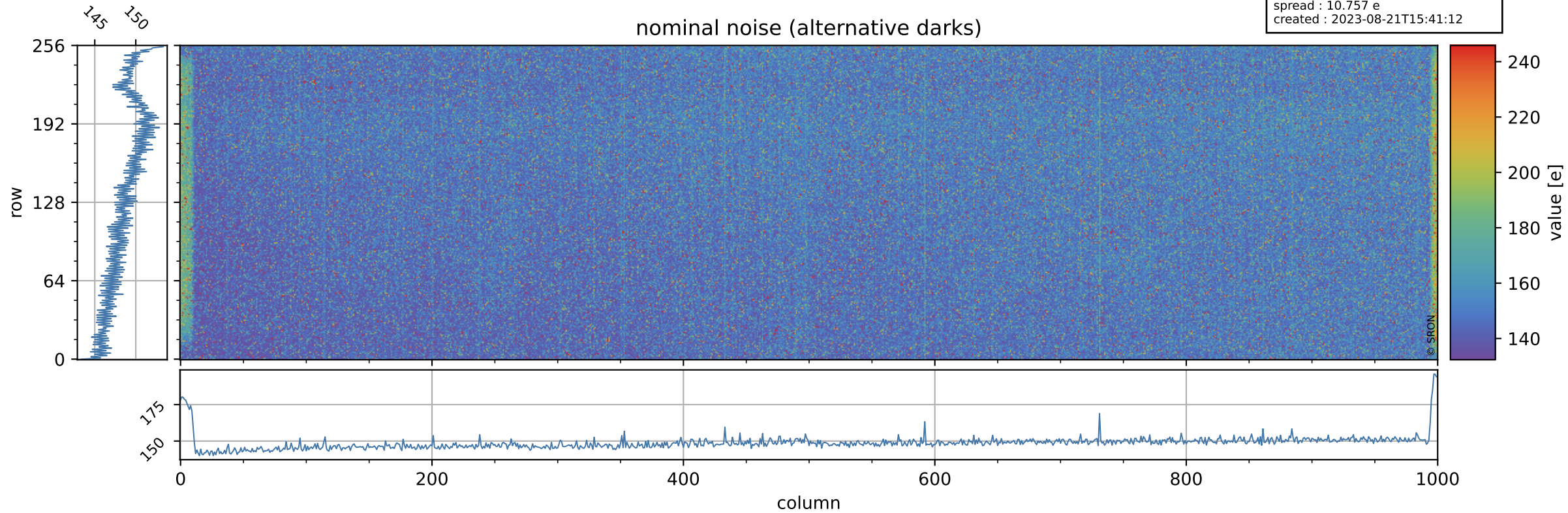


Tropomi SWIR background noise (swir)

orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.757 e
created : 2023-08-21T15:41:12

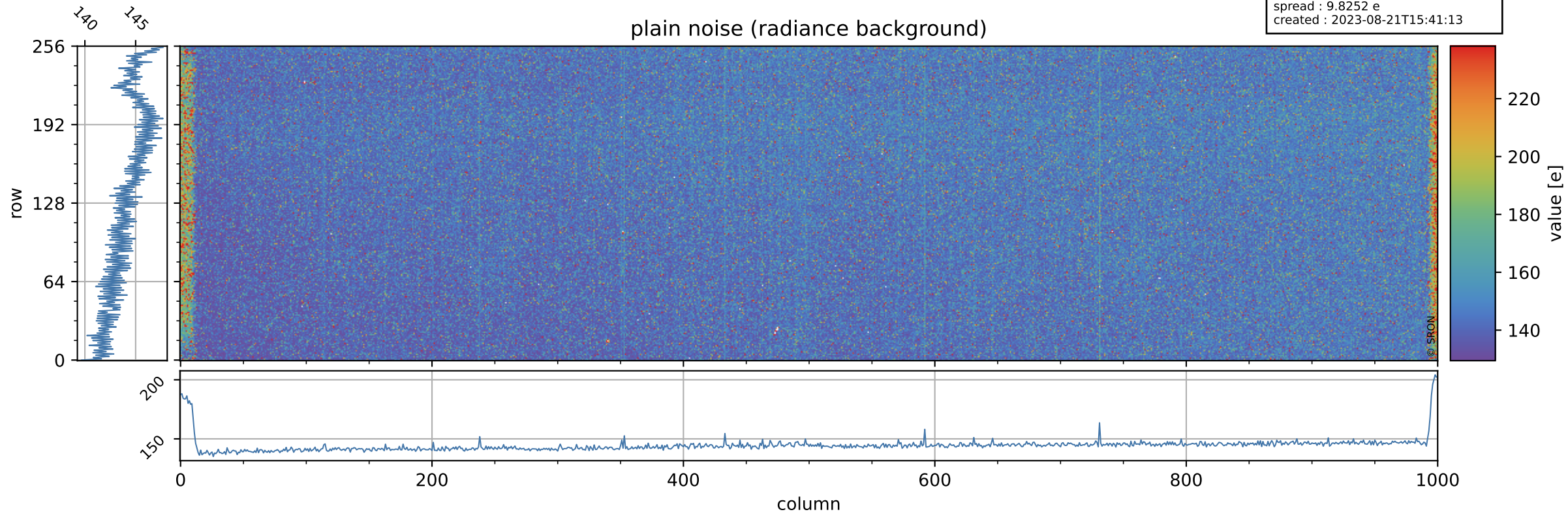
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
n_coad, t_exp : 1, 0.8383
median : 144.03 e
spread : 9.8252 e
created : 2023-08-21T15:41:13

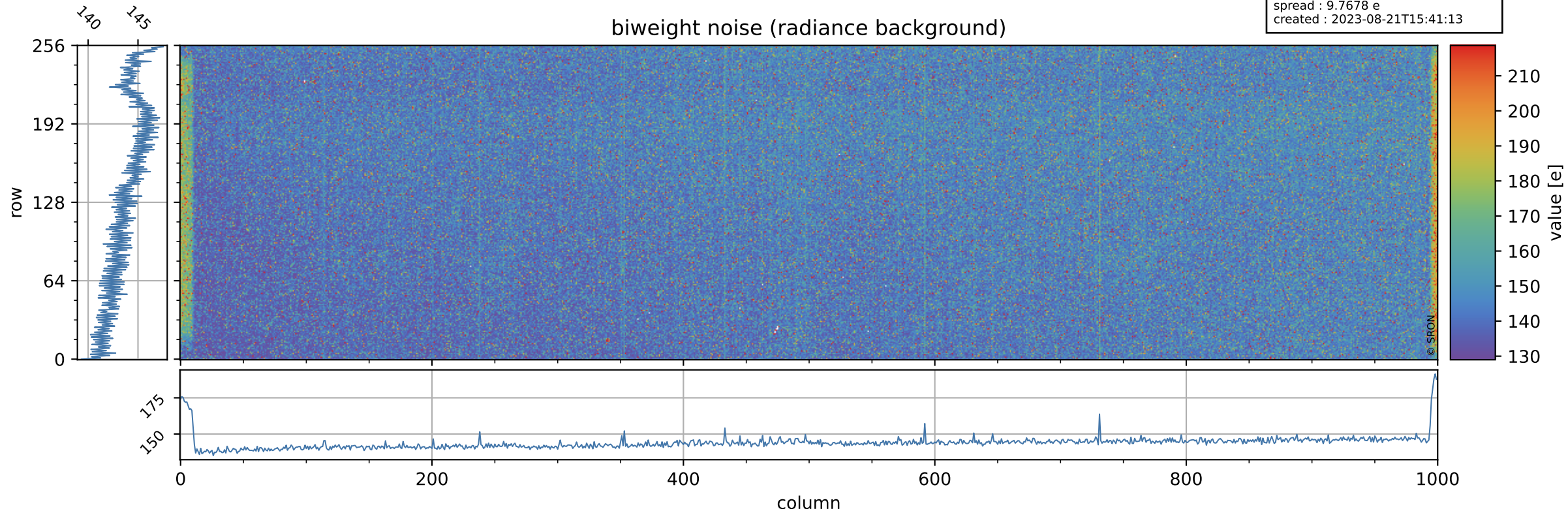
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7678 e
created : 2023-08-21T15:41:13

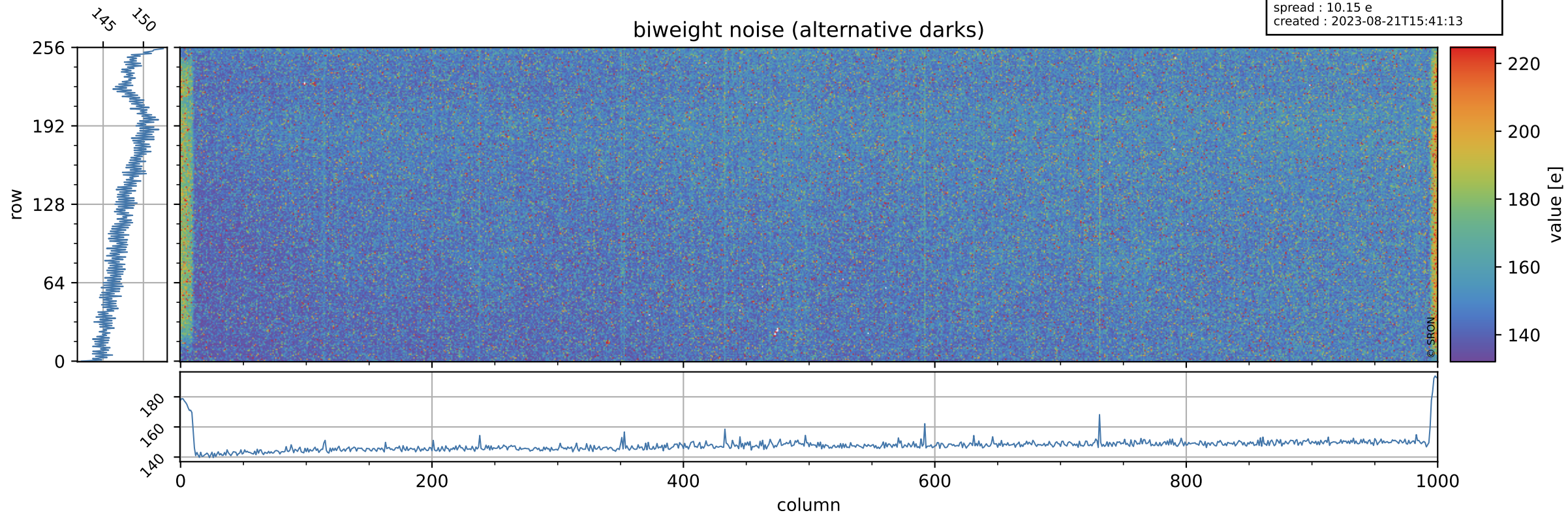
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.15 e
created : 2023-08-21T15:41:13

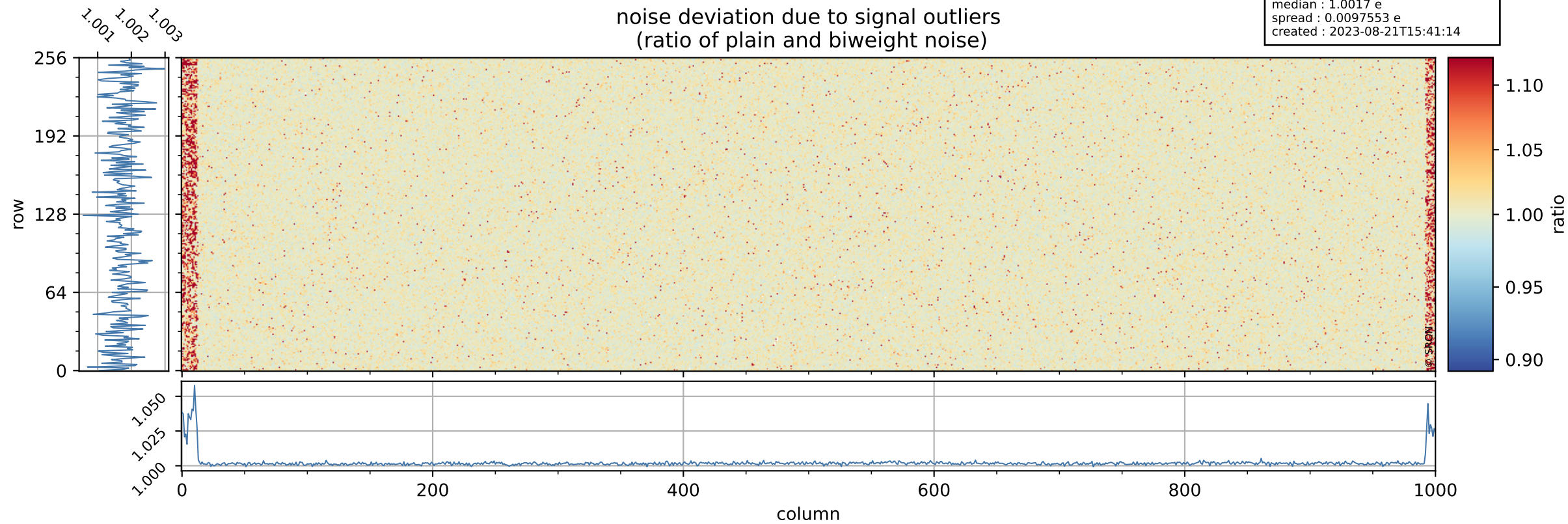
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

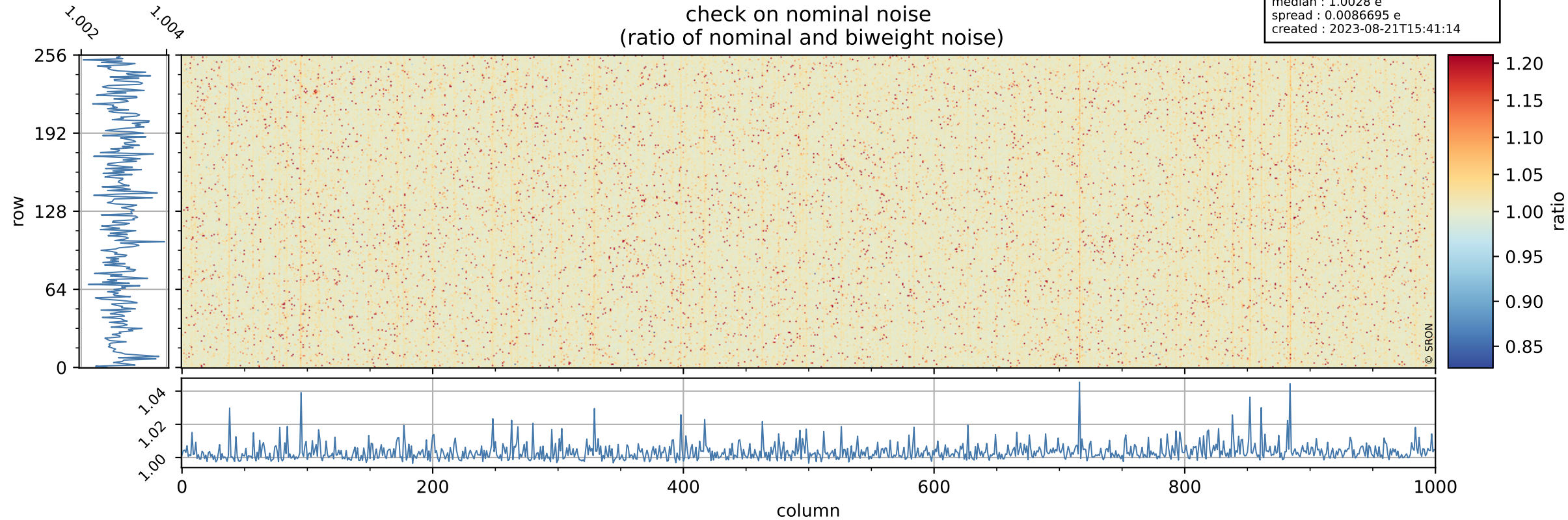
orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
median : 1.0017 e
spread : 0.0097553 e
created : 2023-08-21T15:41:14



Tropomi SWIR background noise (swir)

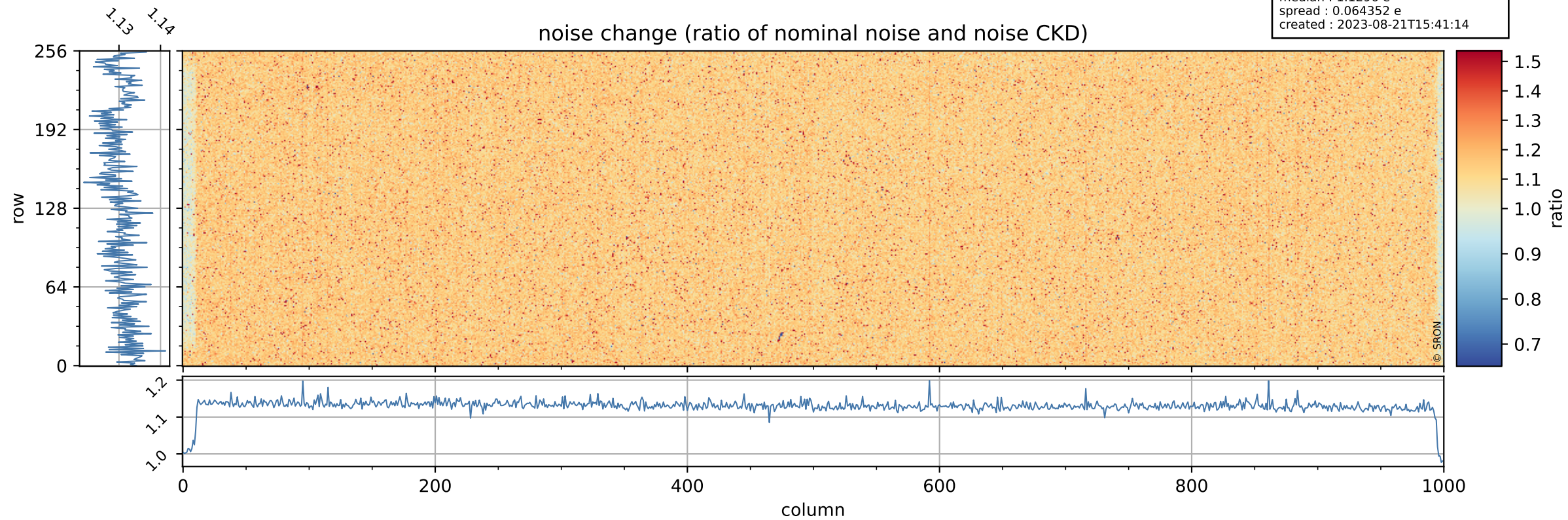
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
median : 1.0028 e
spread : 0.0086695 e
created : 2023-08-21T15:41:14



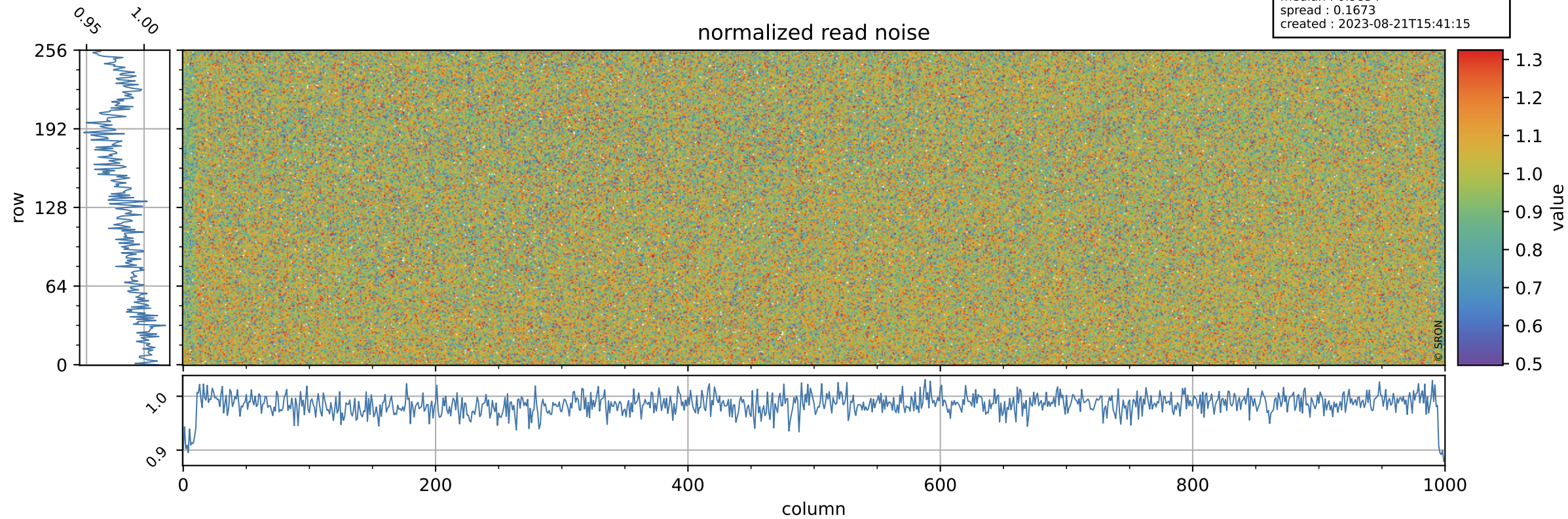
Tropomi SWIR background noise (swir)

orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
median : 1.1296 e
spread : 0.064352 e
created : 2023-08-21T15:41:14



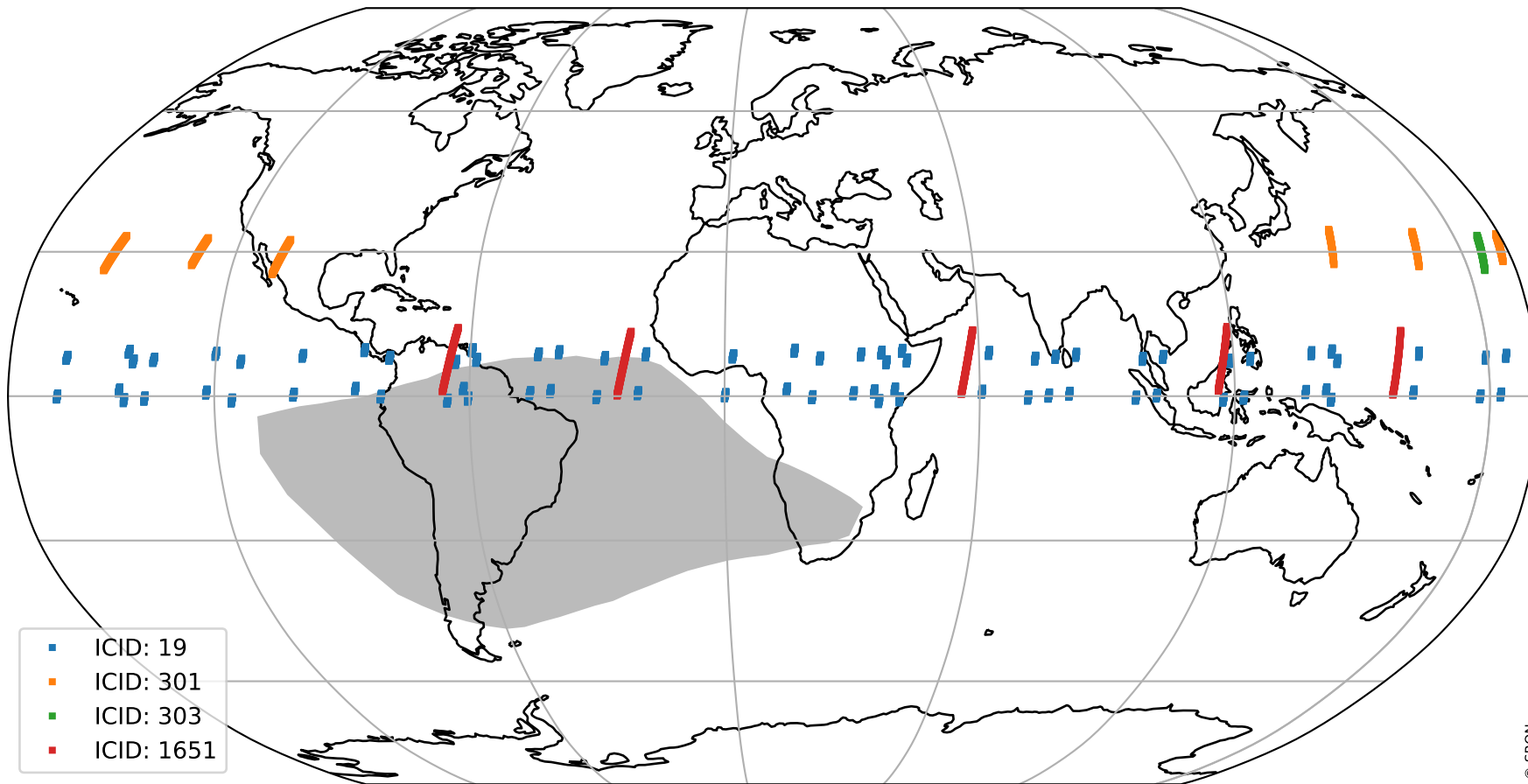
Tropomi SWIR background noise (swir)

orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
median : 0.9834
spread : 0.1673
created : 2023-08-21T15:41:15



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

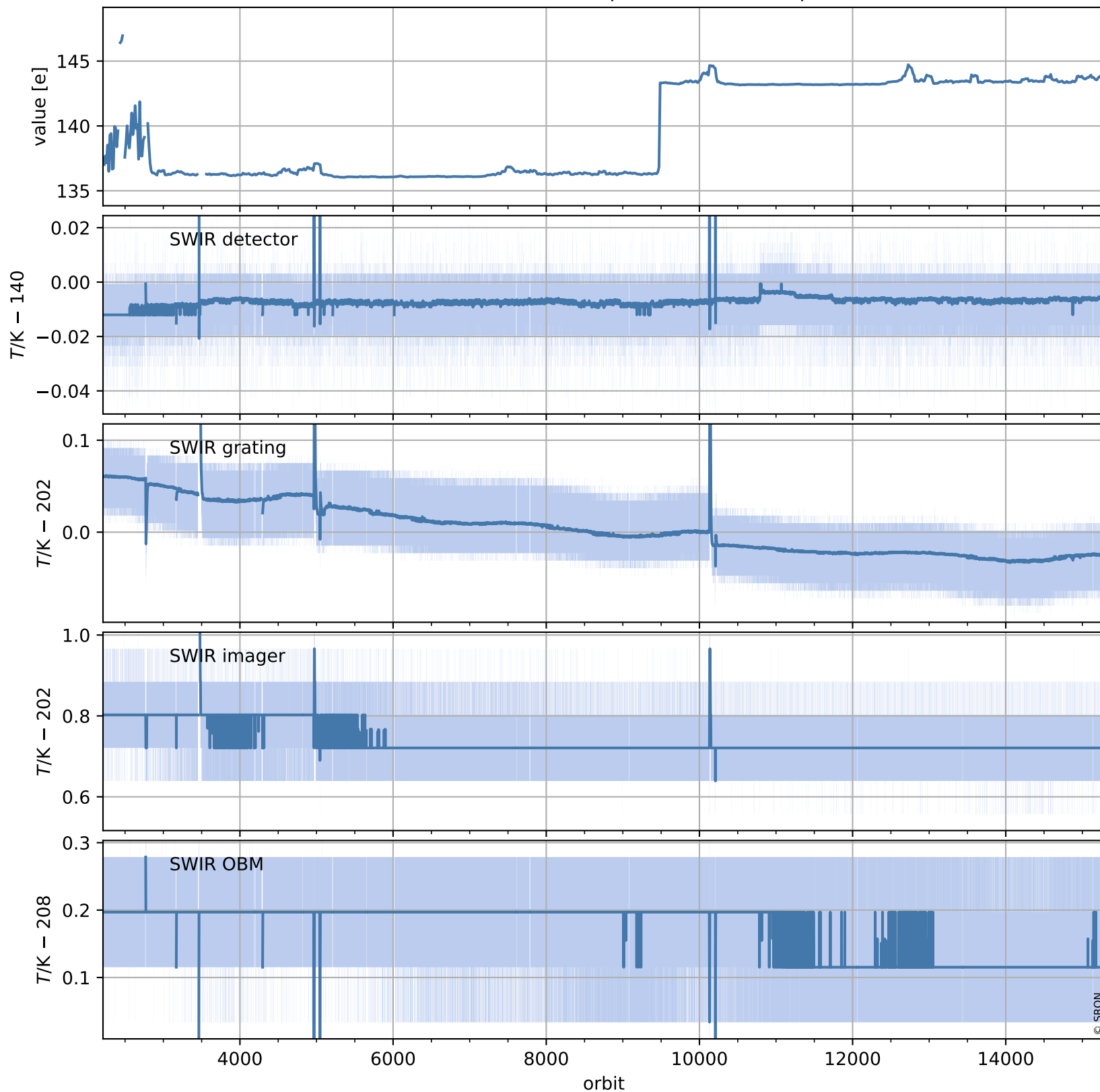
orbits : 12 in [15202, 15292]
coverage : 2020-09-19 / 2020-09-24
created : 2023-08-21T15:41:15



Tropomi SWIR background noise (swir)

orbits : [2212, 15292]
coverage : 2018-03-18 / 2020-09-24
created : 2023-08-21T15:41:15

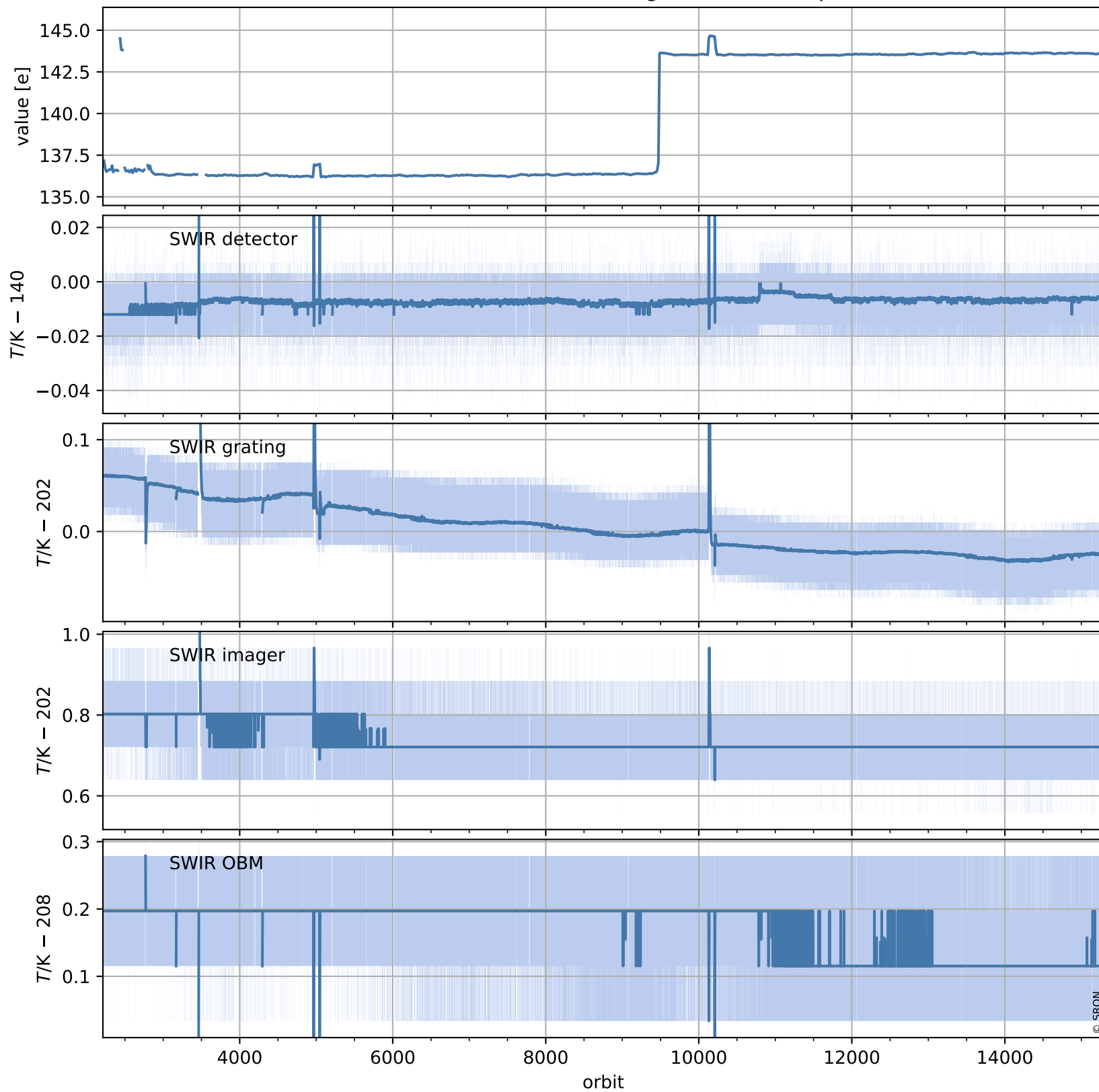
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15292]
coverage : 2018-03-18 / 2020-09-24
created : 2023-08-21T15:41:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15292]
coverage : 2018-03-18 / 2020-09-24
created : 2023-08-21T15:41:17

trend of normalized read-noise & temperatures

