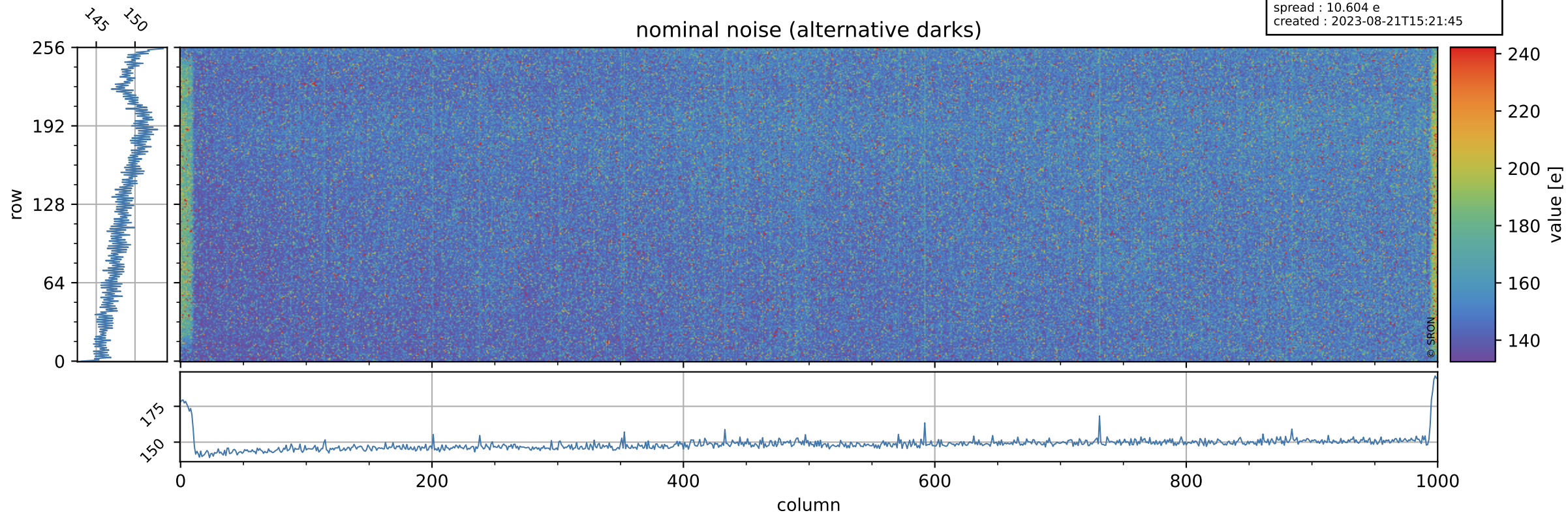


Tropomi SWIR background noise (swir)

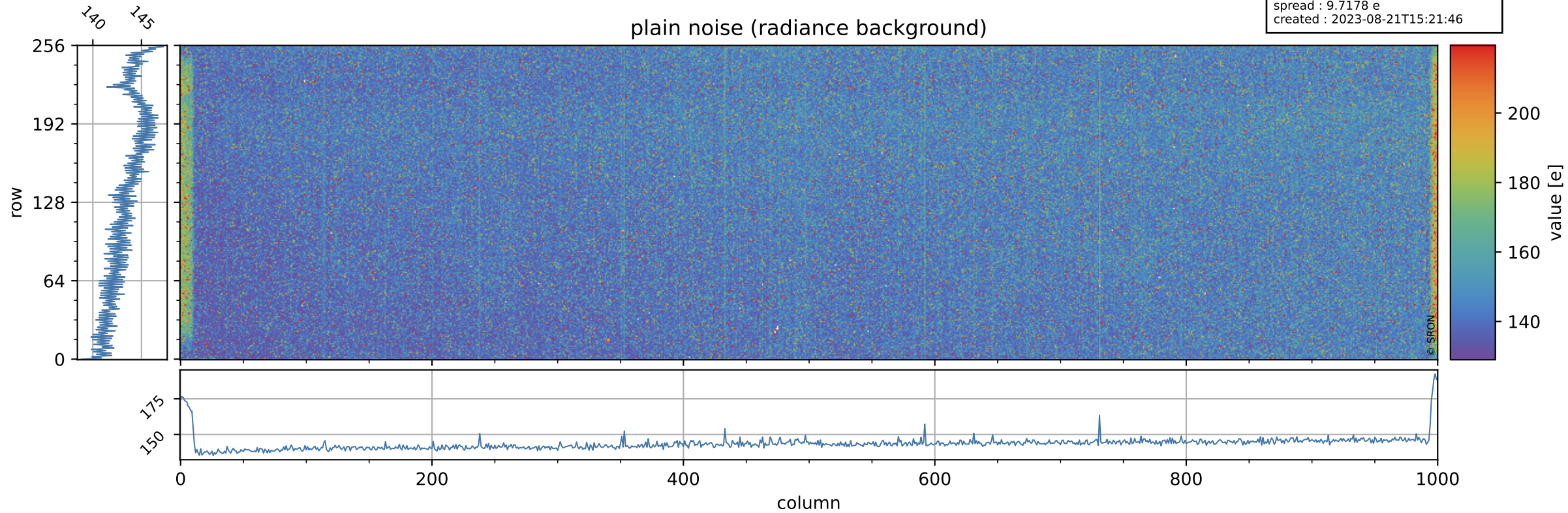
orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.604 e
created : 2023-08-21T15:21:45



Tropomi SWIR background noise (swir)

orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7178 e
created : 2023-08-21T15:21:46

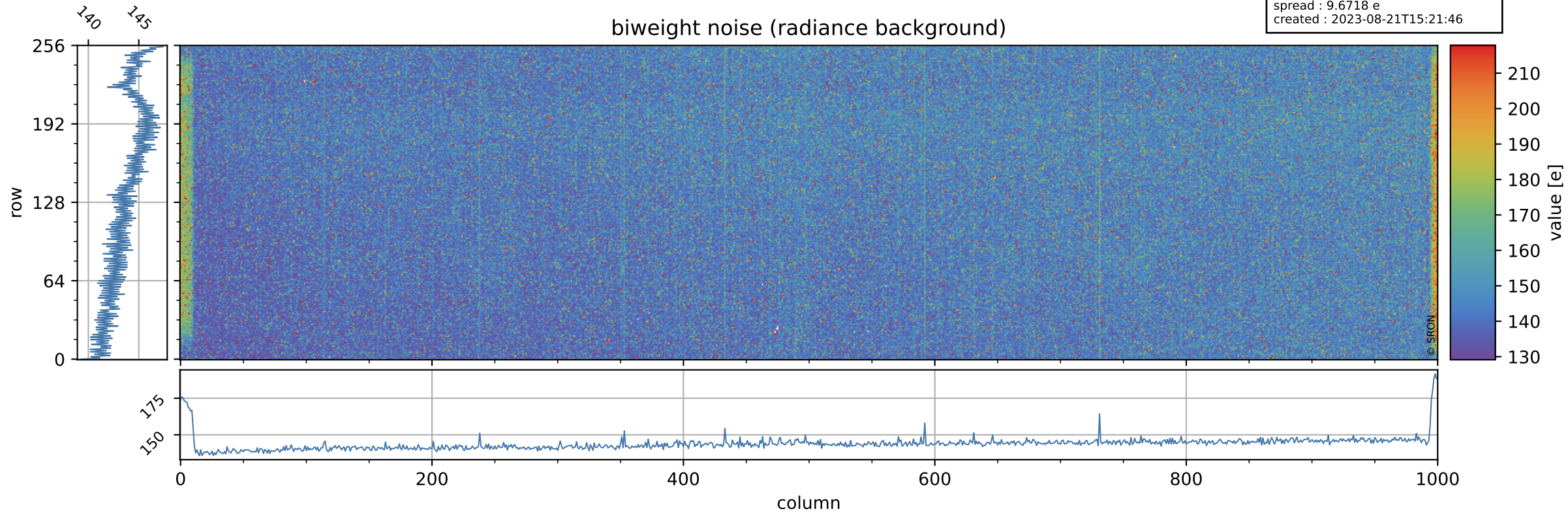
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6718 e
created : 2023-08-21T15:21:46

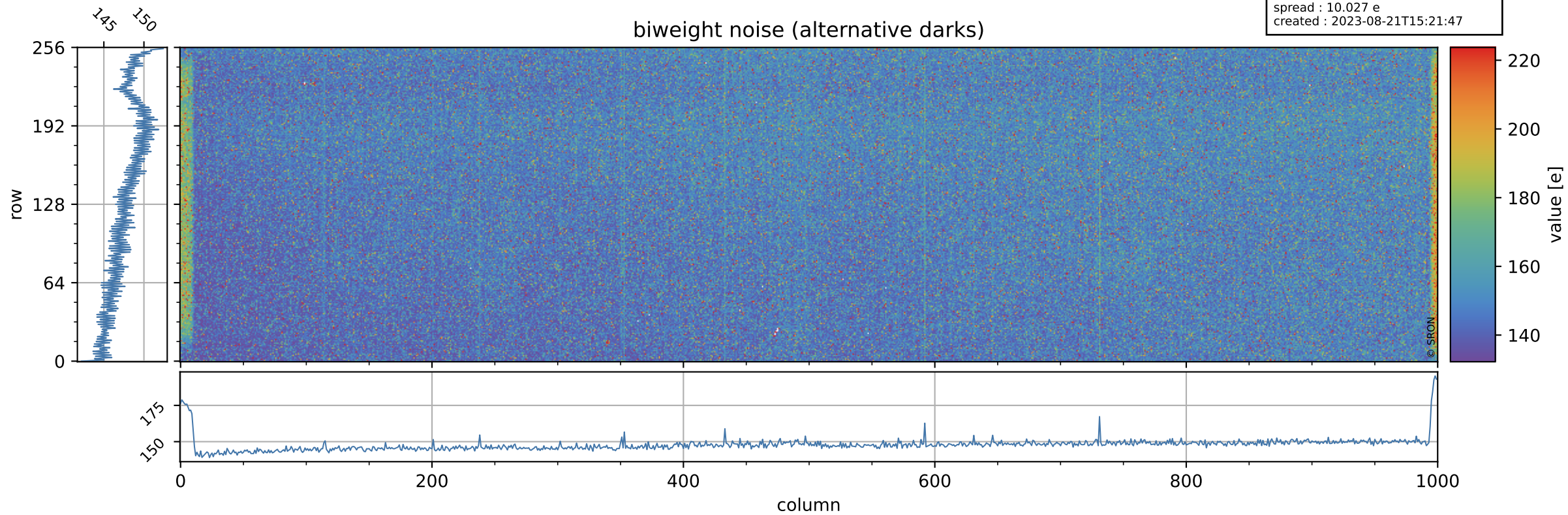
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.027 e
created : 2023-08-21T15:21:47

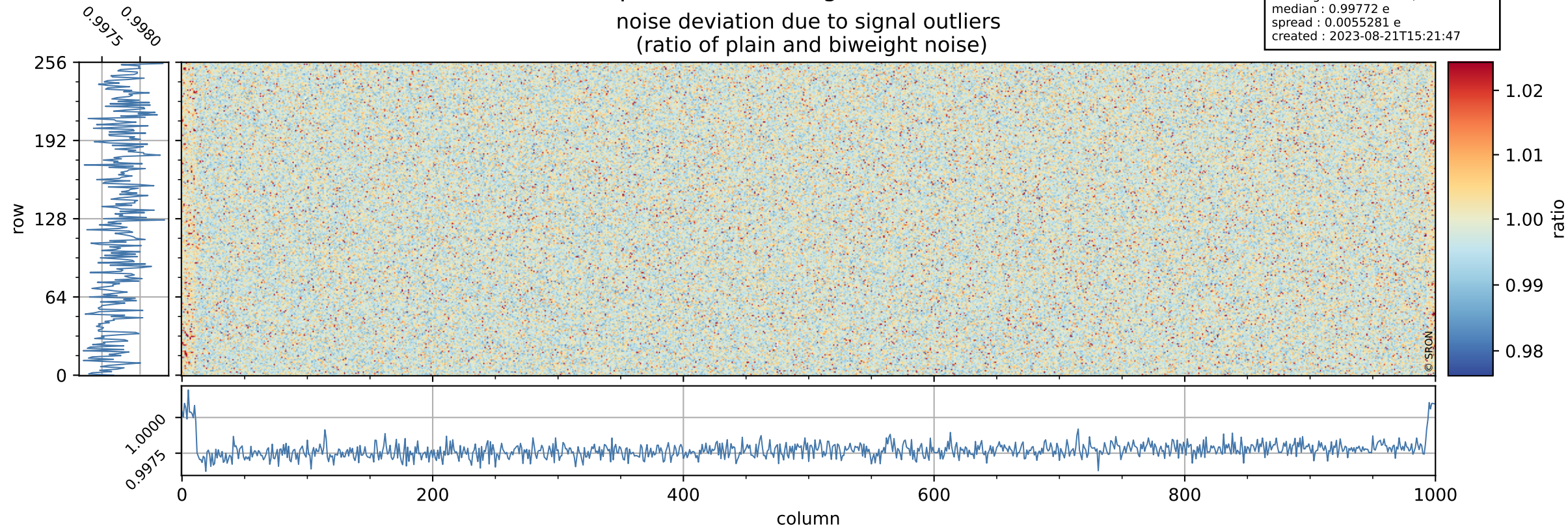
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

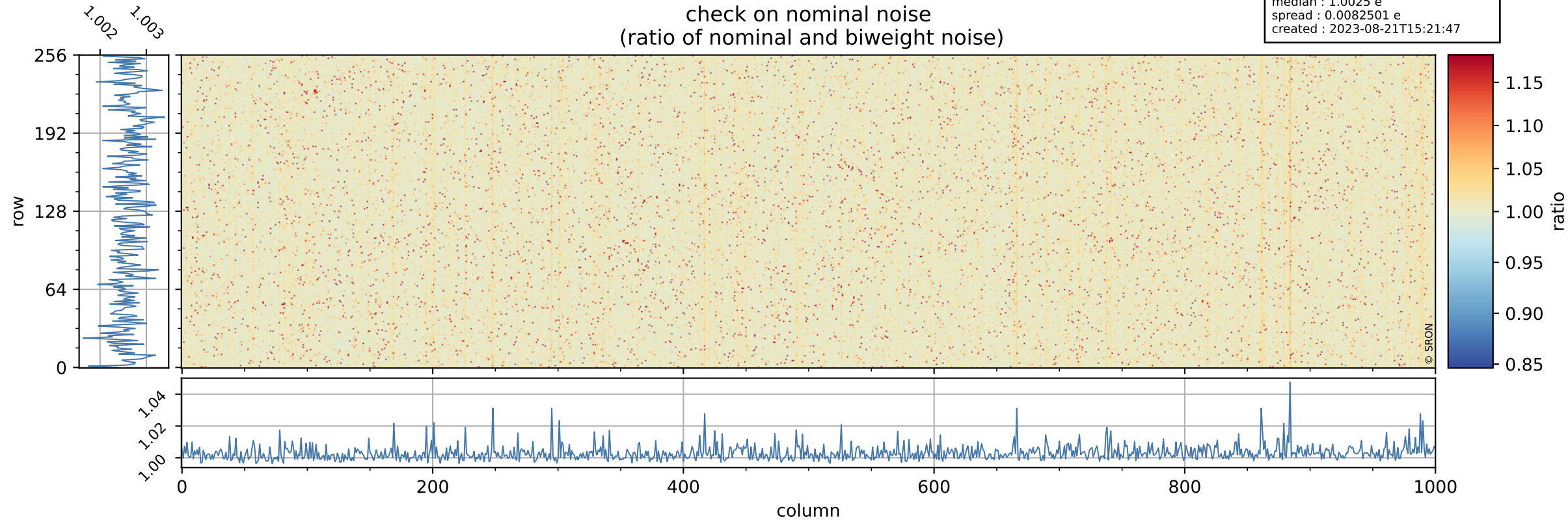
orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
median : 0.99772 e
spread : 0.0055281 e
created : 2023-08-21T15:21:47



Tropomi SWIR background noise (swir)

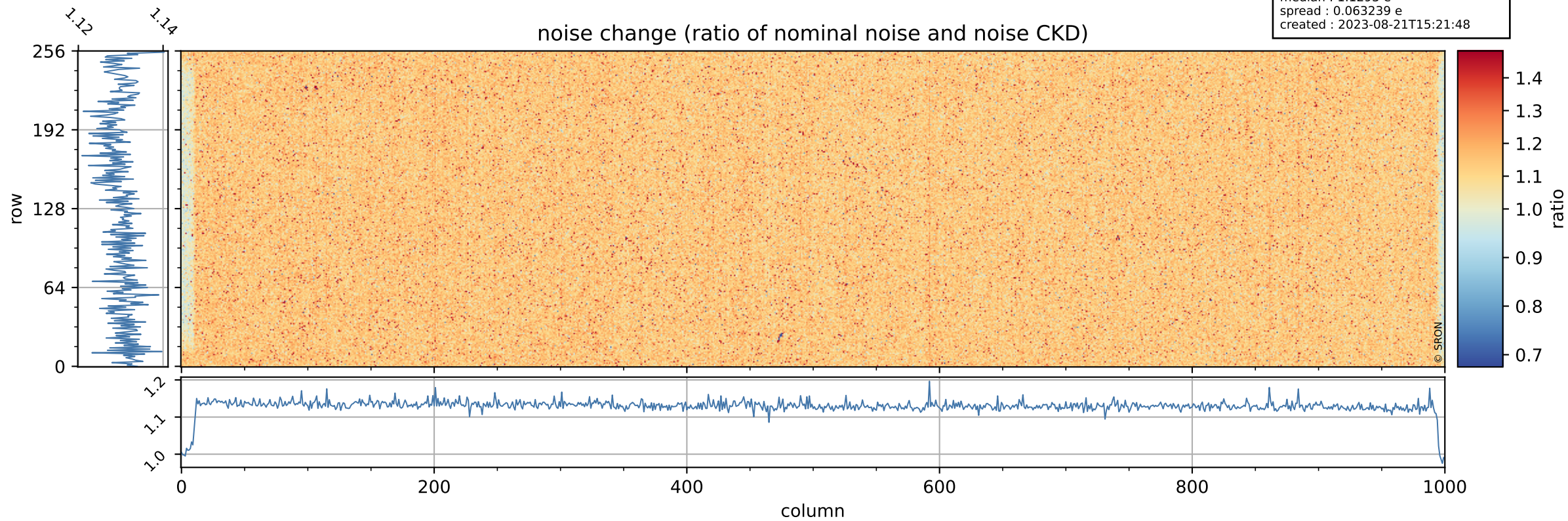
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
median : 1.0025 e
spread : 0.0082501 e
created : 2023-08-21T15:21:47



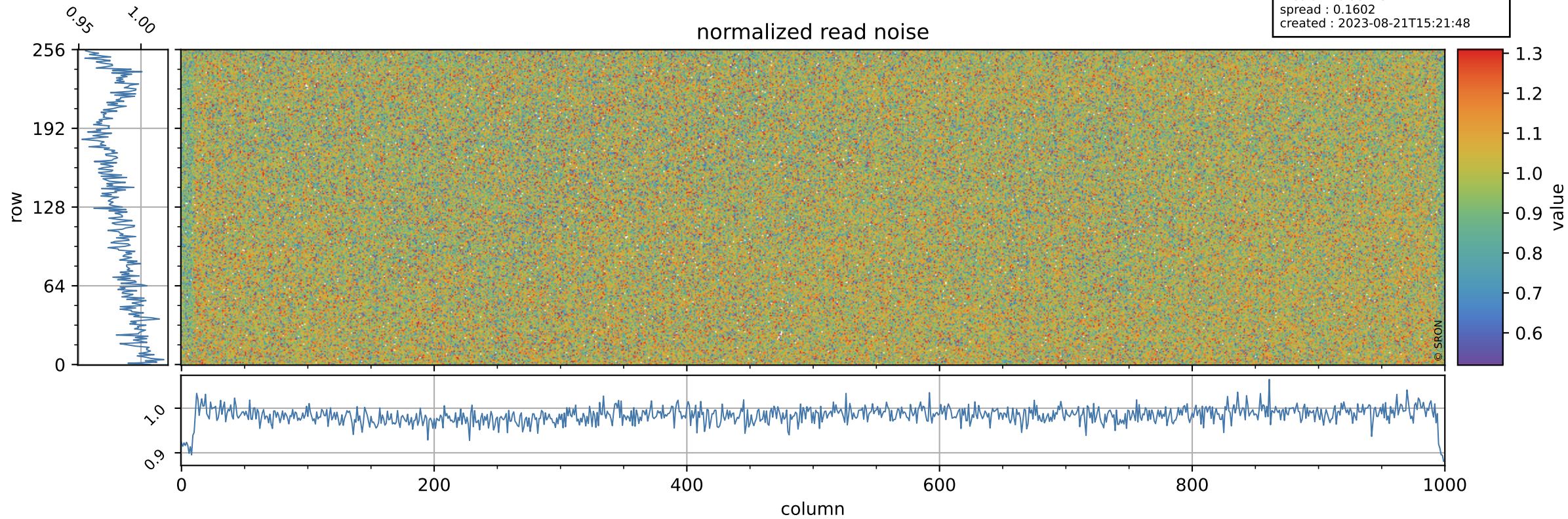
Tropomi SWIR background noise (swir)

orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
median : 1.1293 e
spread : 0.063239 e
created : 2023-08-21T15:21:48



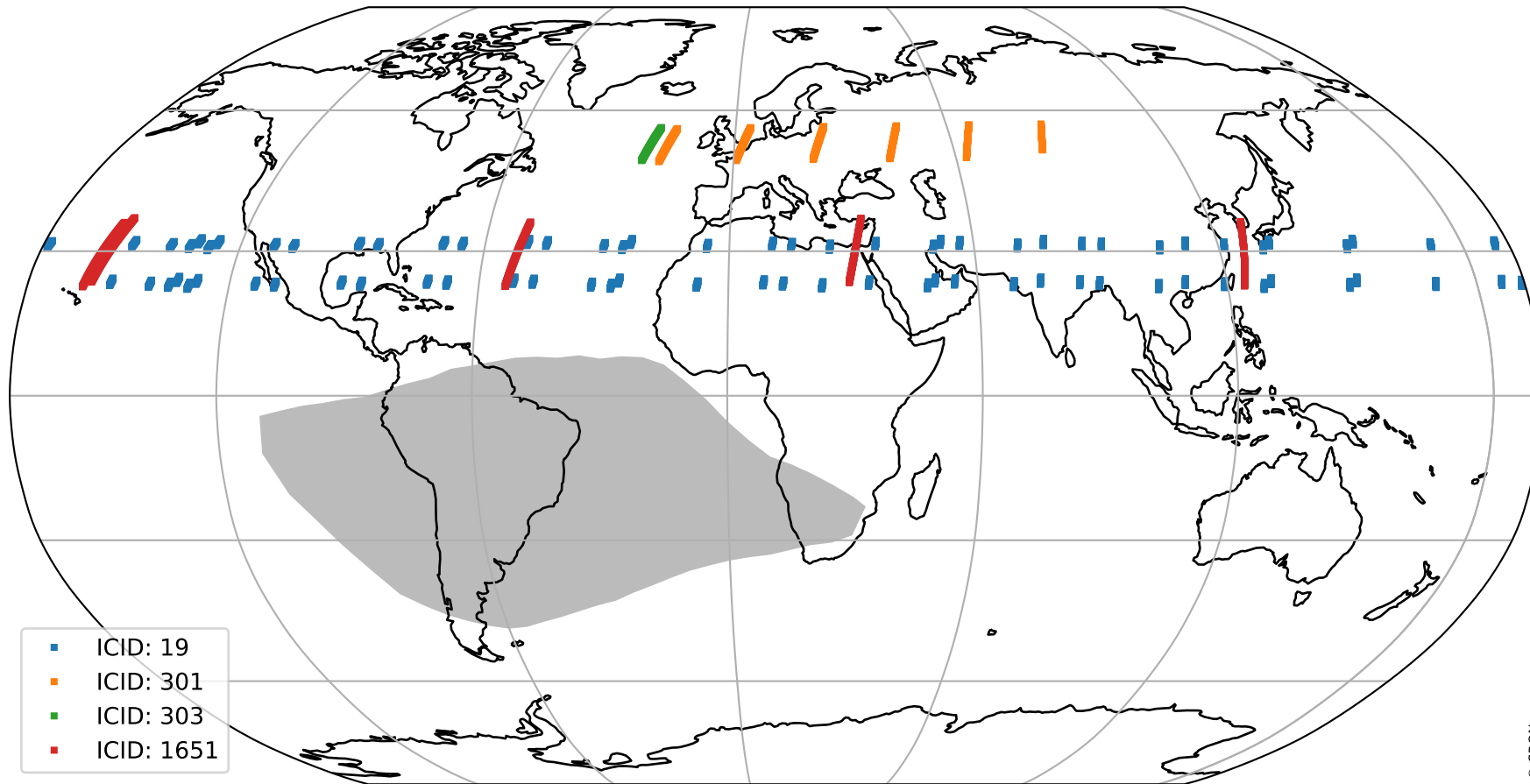
Tropomi SWIR background noise (swir)

orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
median : 0.98225
spread : 0.1602
created : 2023-08-21T15:21:48



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

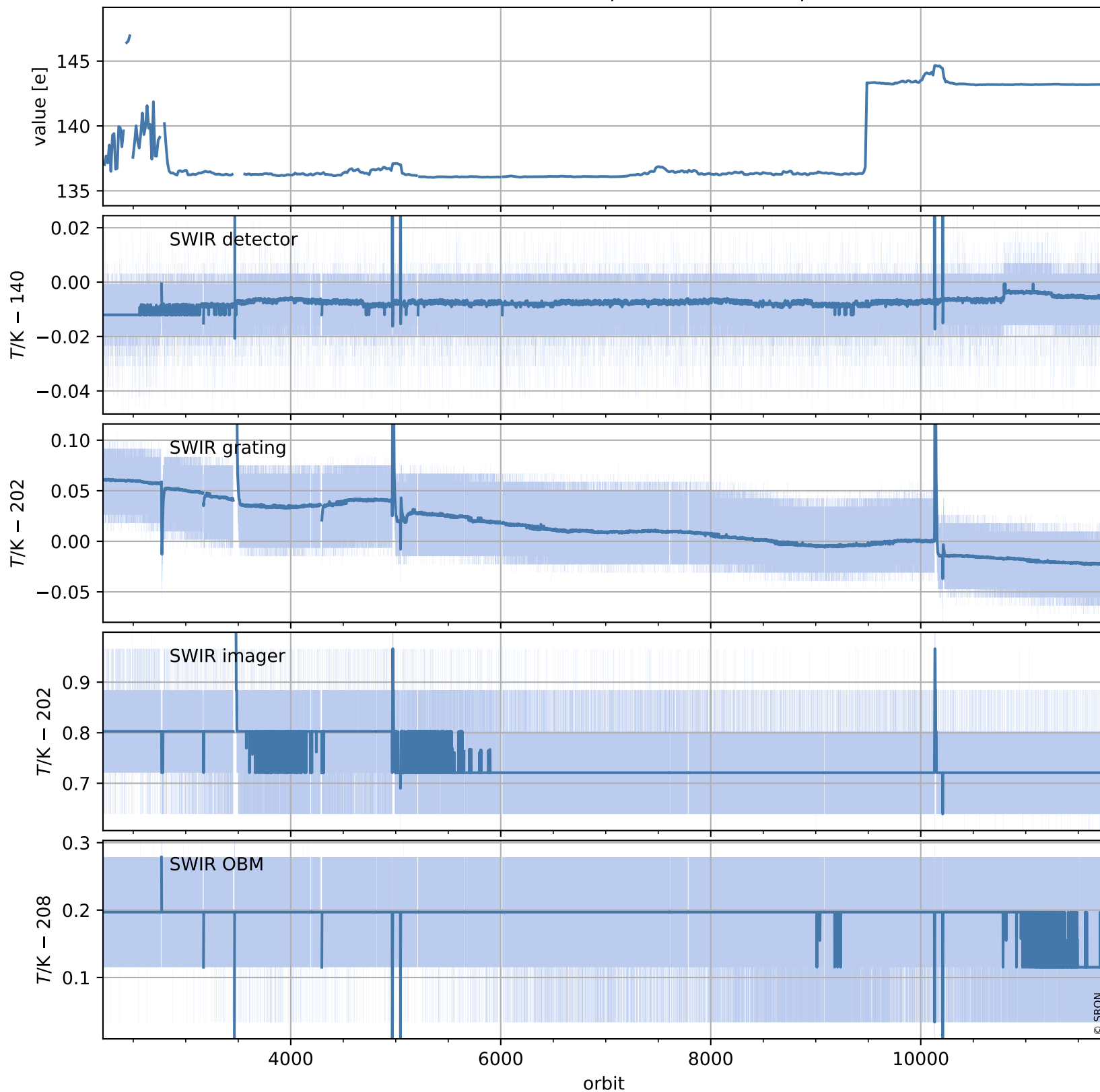
orbits : 12 in [11662, 11752]
coverage : 2020-01-13 / 2020-01-19
created : 2023-08-21T15:21:49



Tropomi SWIR background noise (swir)

orbits : [2212, 11752]
coverage : 2018-03-18 / 2020-01-19
created : 2023-08-21T15:21:49

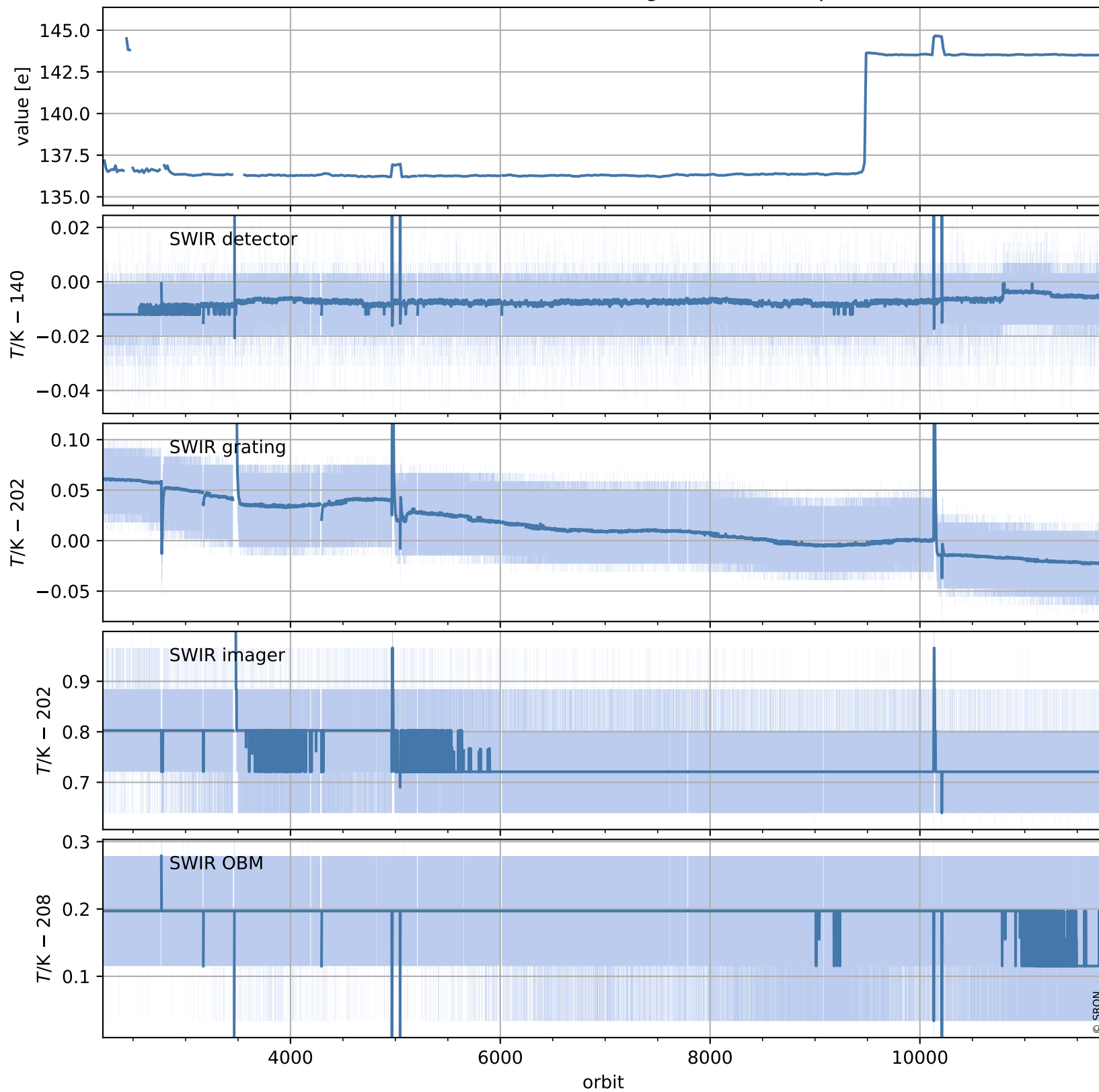
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11752]
coverage : 2018-03-18 / 2020-01-19
created : 2023-08-21T15:21:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11752]
coverage : 2018-03-18 / 2020-01-19
created : 2023-08-21T15:21:50

trend of normalized read-noise & temperatures

