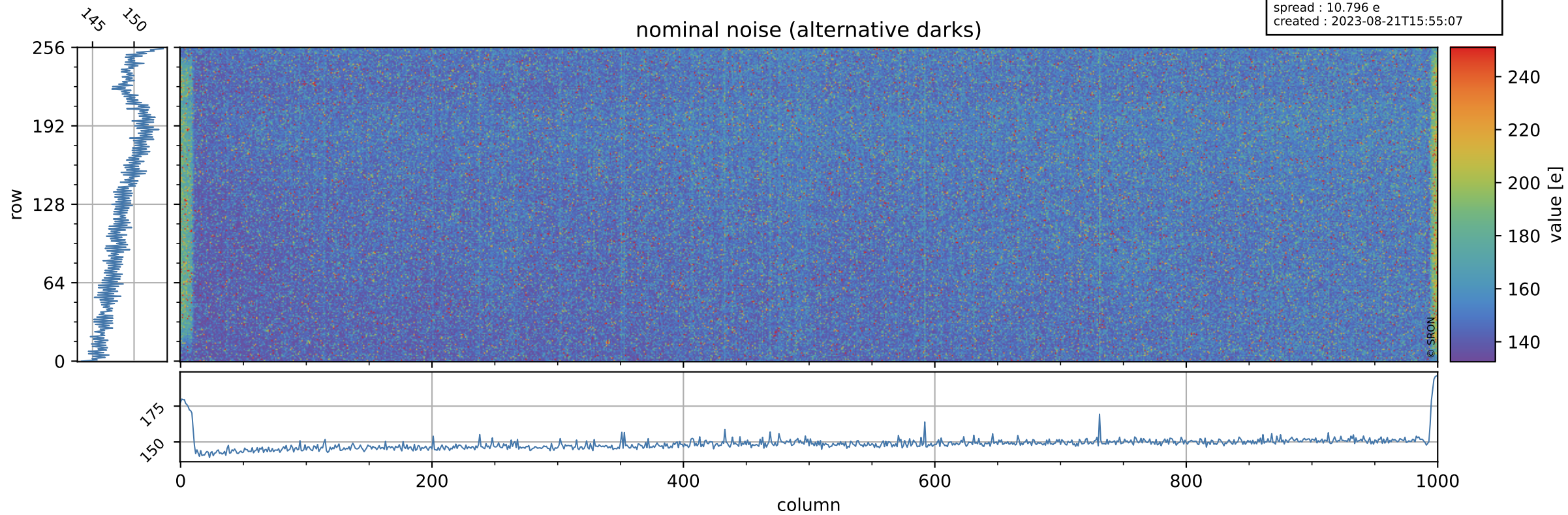


Tropomi SWIR background noise (swir)

orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.796 e
created : 2023-08-21T15:55:07

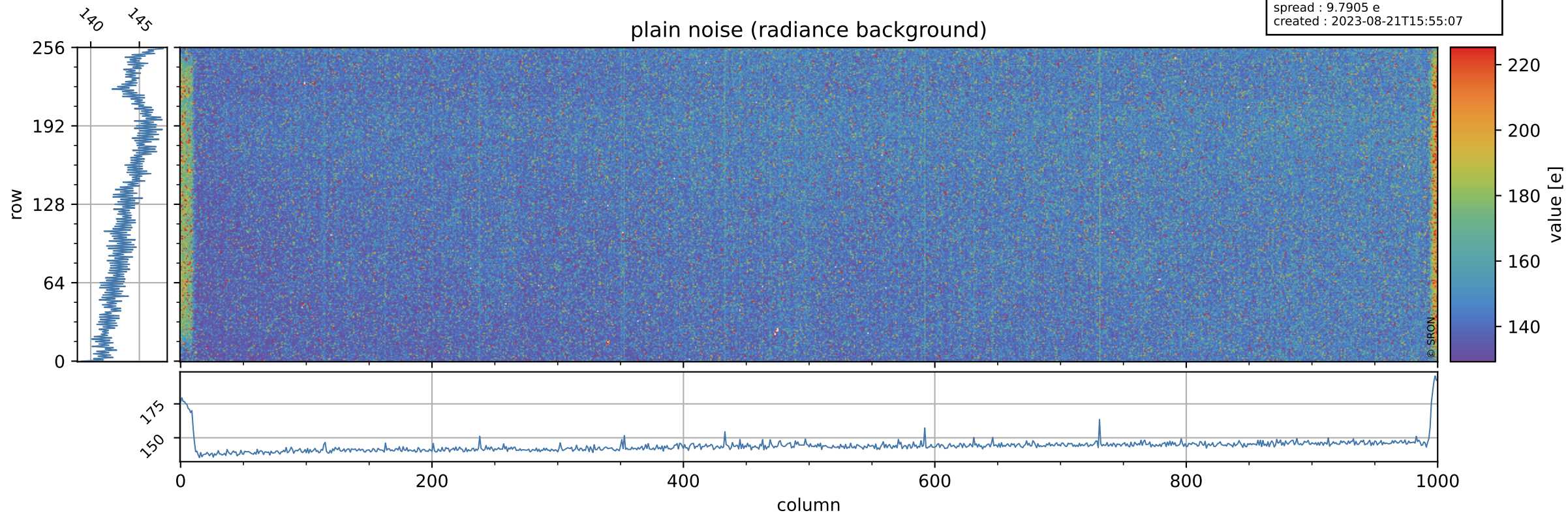
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.7905 e
created : 2023-08-21T15:55:07

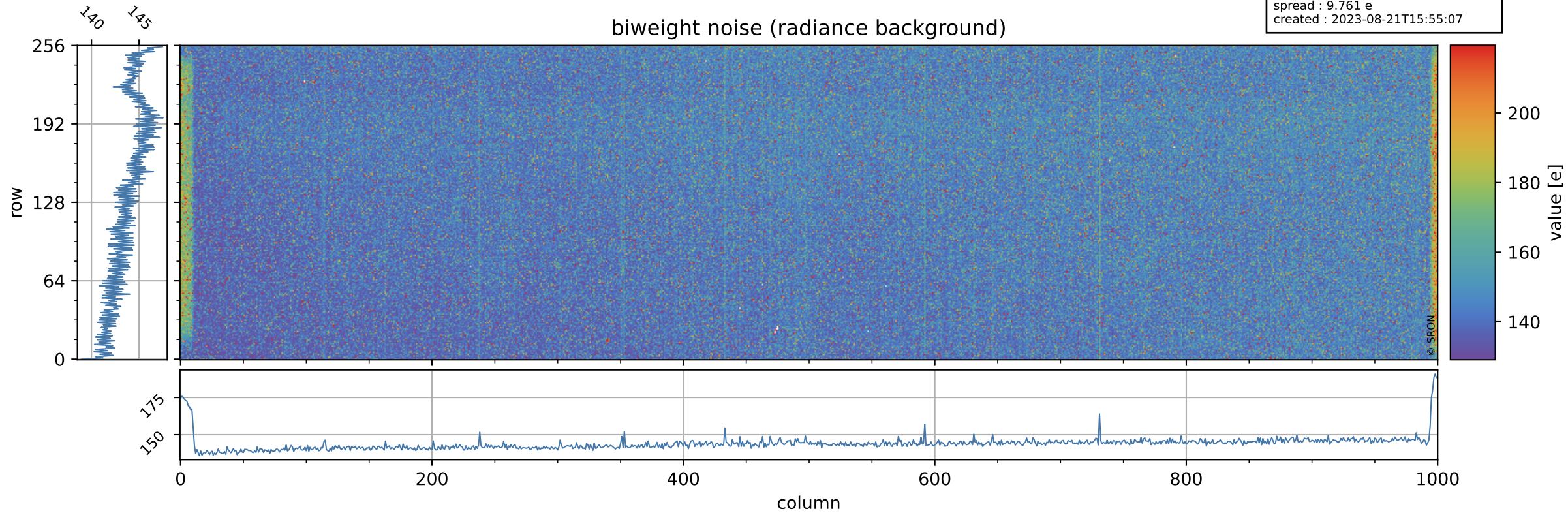
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.761 e
created : 2023-08-21T15:55:07

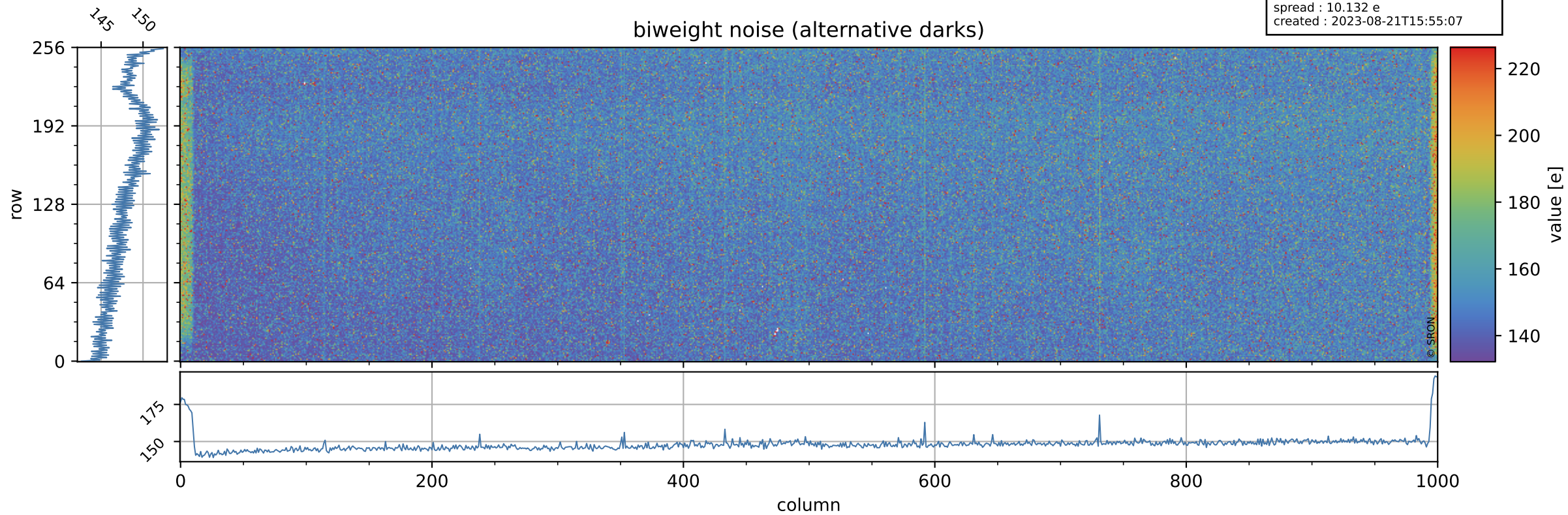
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.132 e
created : 2023-08-21T15:55:07

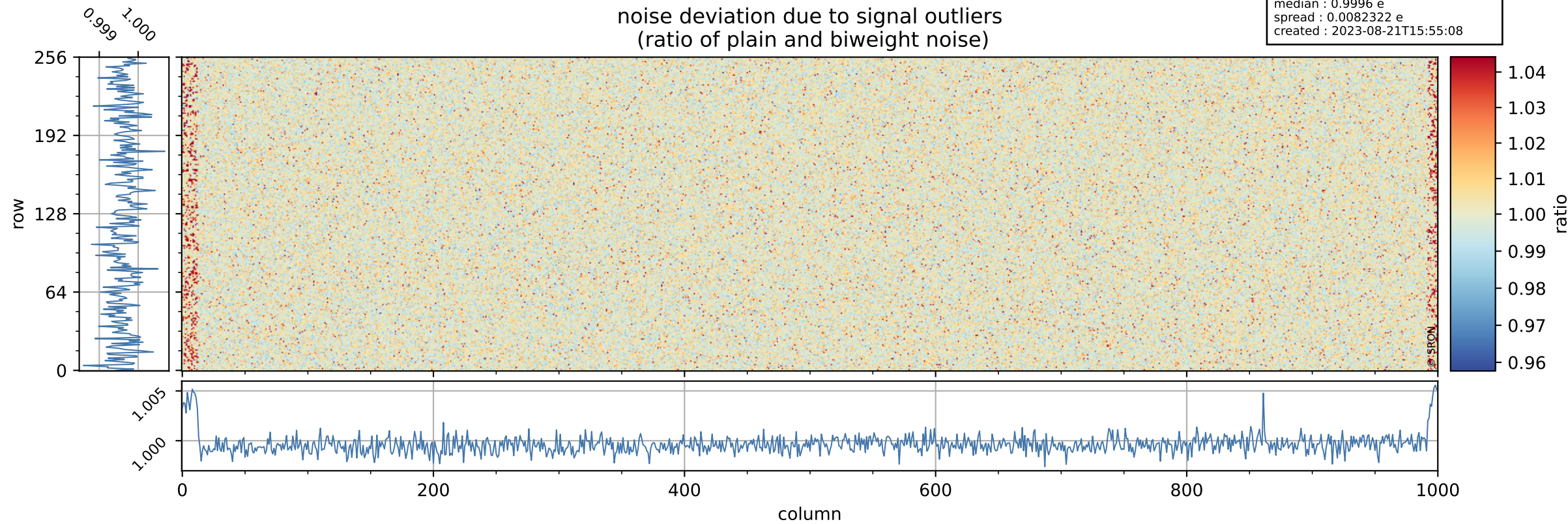
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

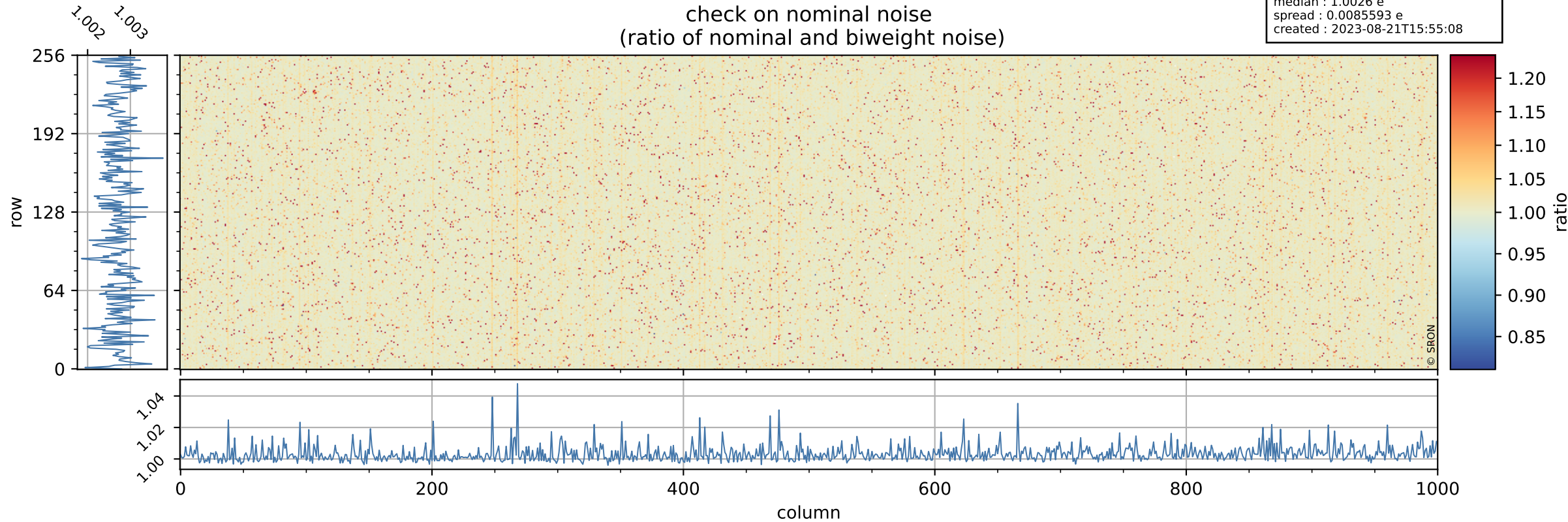
orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
median : 0.9996 e
spread : 0.0082322 e
created : 2023-08-21T15:55:08



Tropomi SWIR background noise (swir)

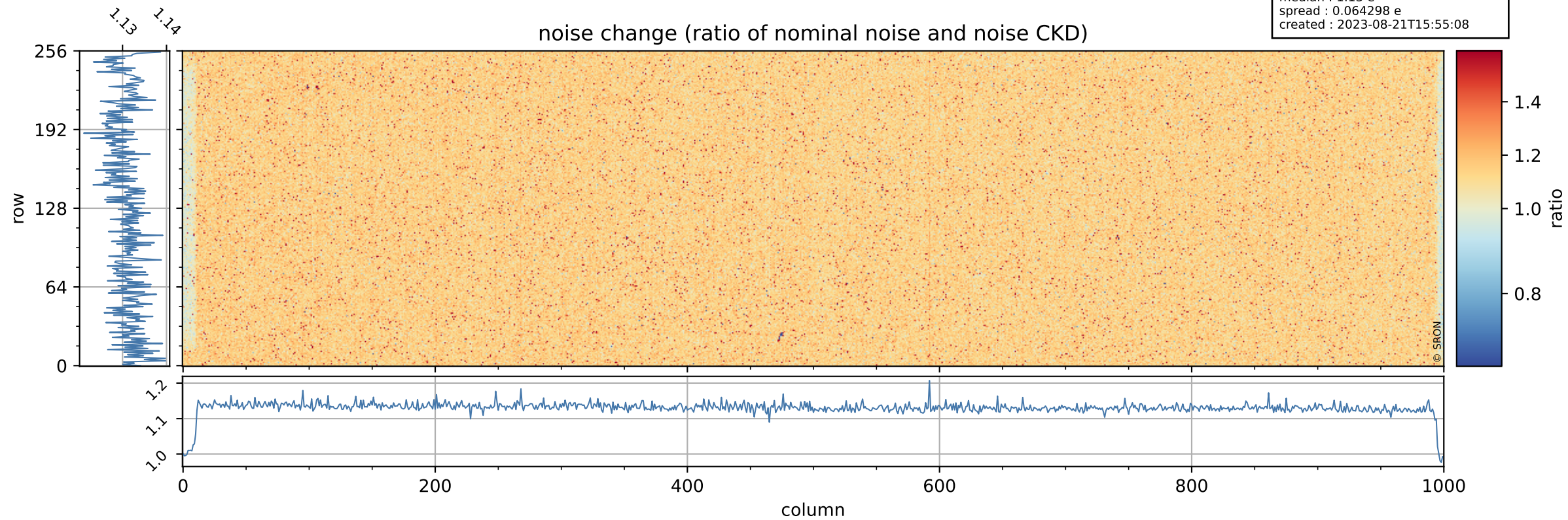
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
median : 1.0026 e
spread : 0.0085593 e
created : 2023-08-21T15:55:08



Tropomi SWIR background noise (swir)

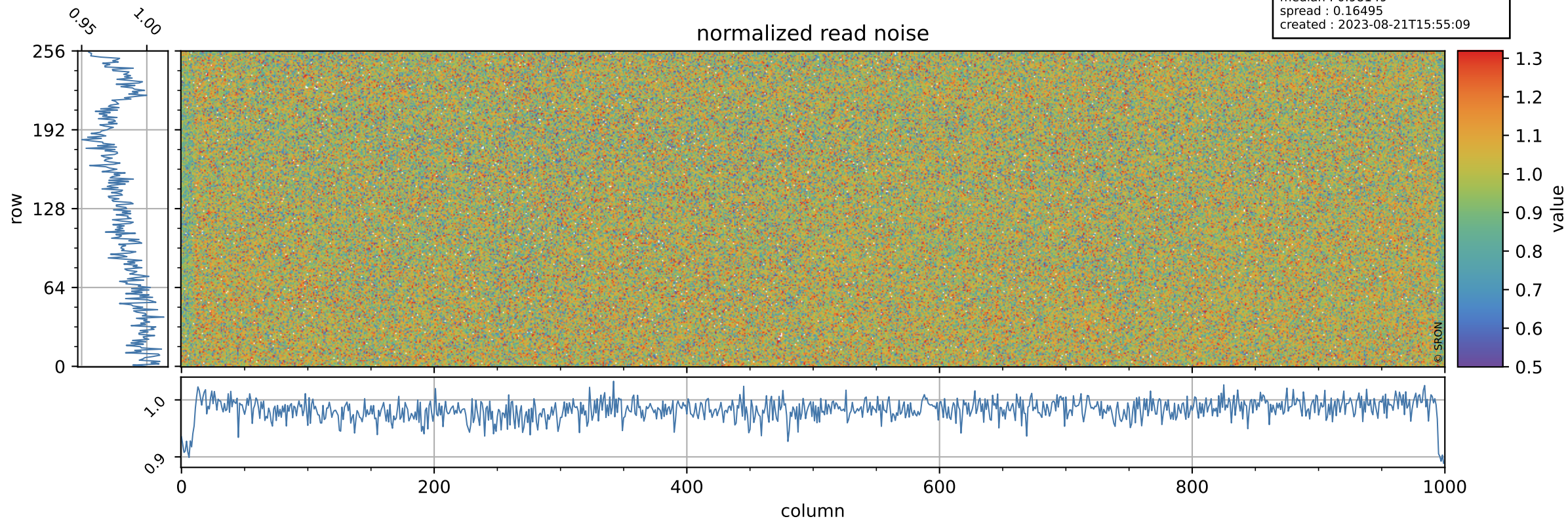
orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
median : 1.13 e
spread : 0.064298 e
created : 2023-08-21T15:55:08



Tropomi SWIR background noise (swir)

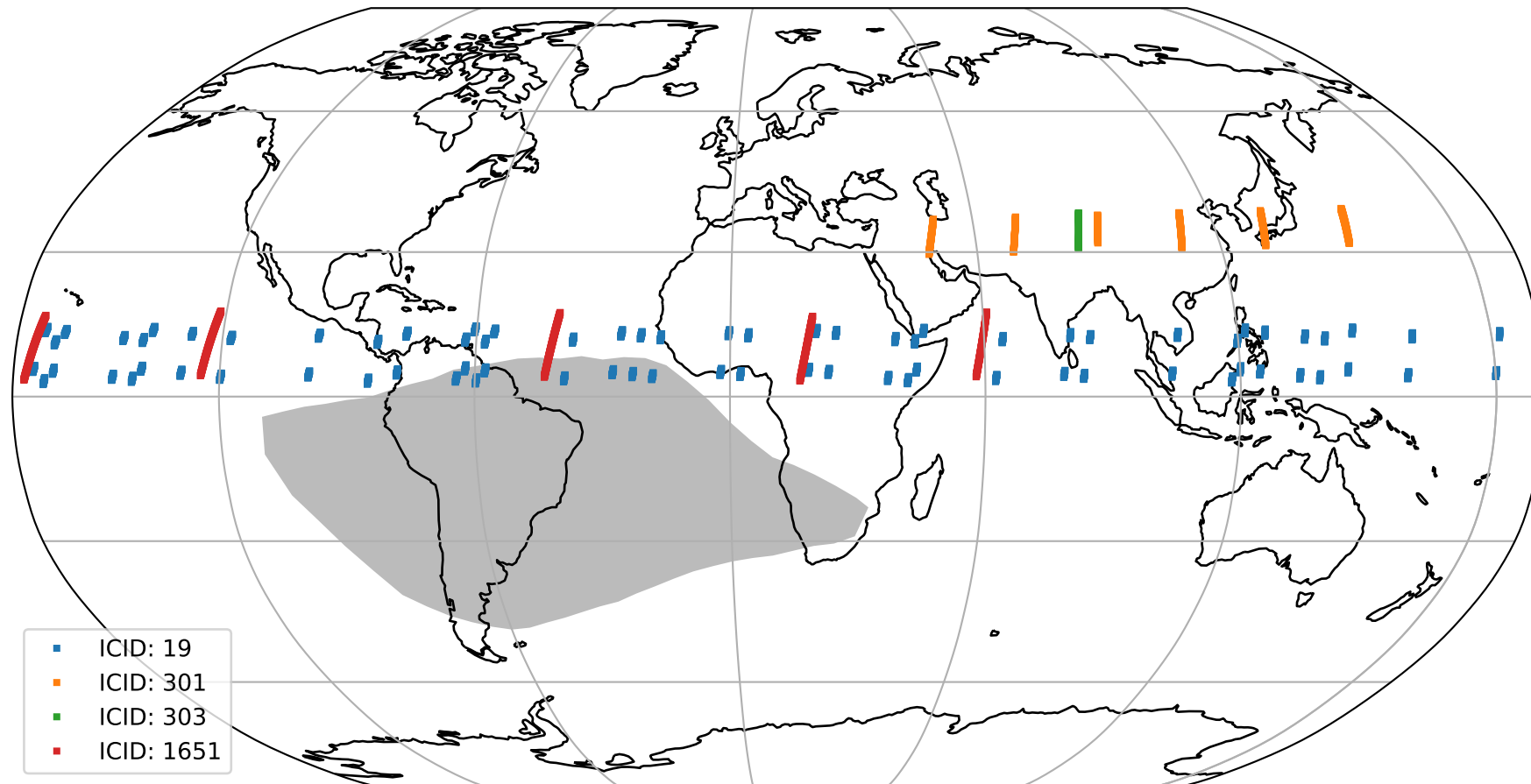
orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
median : 0.98149
spread : 0.16495
created : 2023-08-21T15:55:09

normalized read noise



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

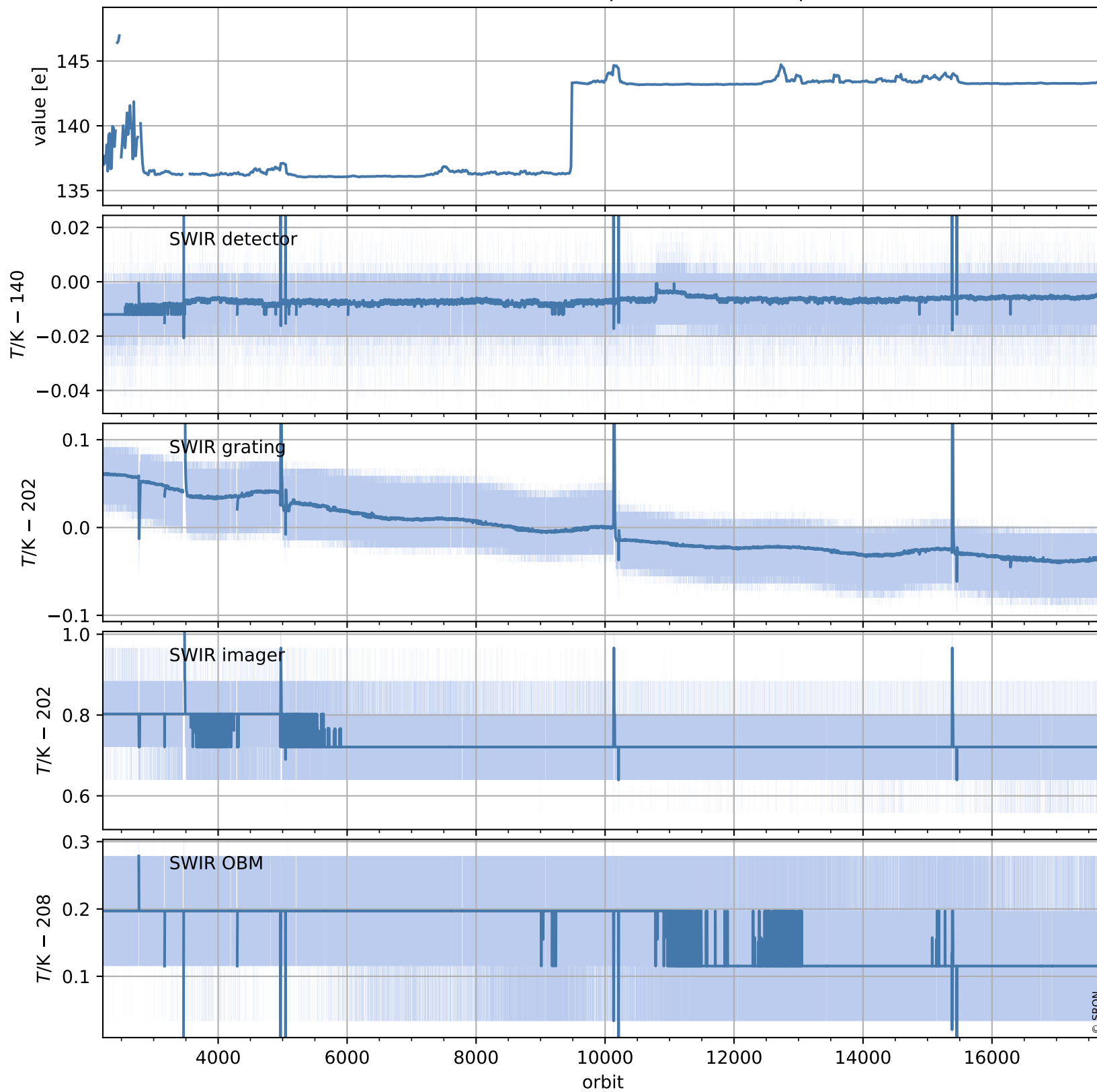
orbits : 12 in [17632, 17722]
coverage : 2021-03-09 / 2021-03-15
created : 2023-08-21T15:55:09



Tropomi SWIR background noise (swir)

orbits : [2212, 17722]
coverage : 2018-03-18 / 2021-03-15
created : 2023-08-21T15:55:09

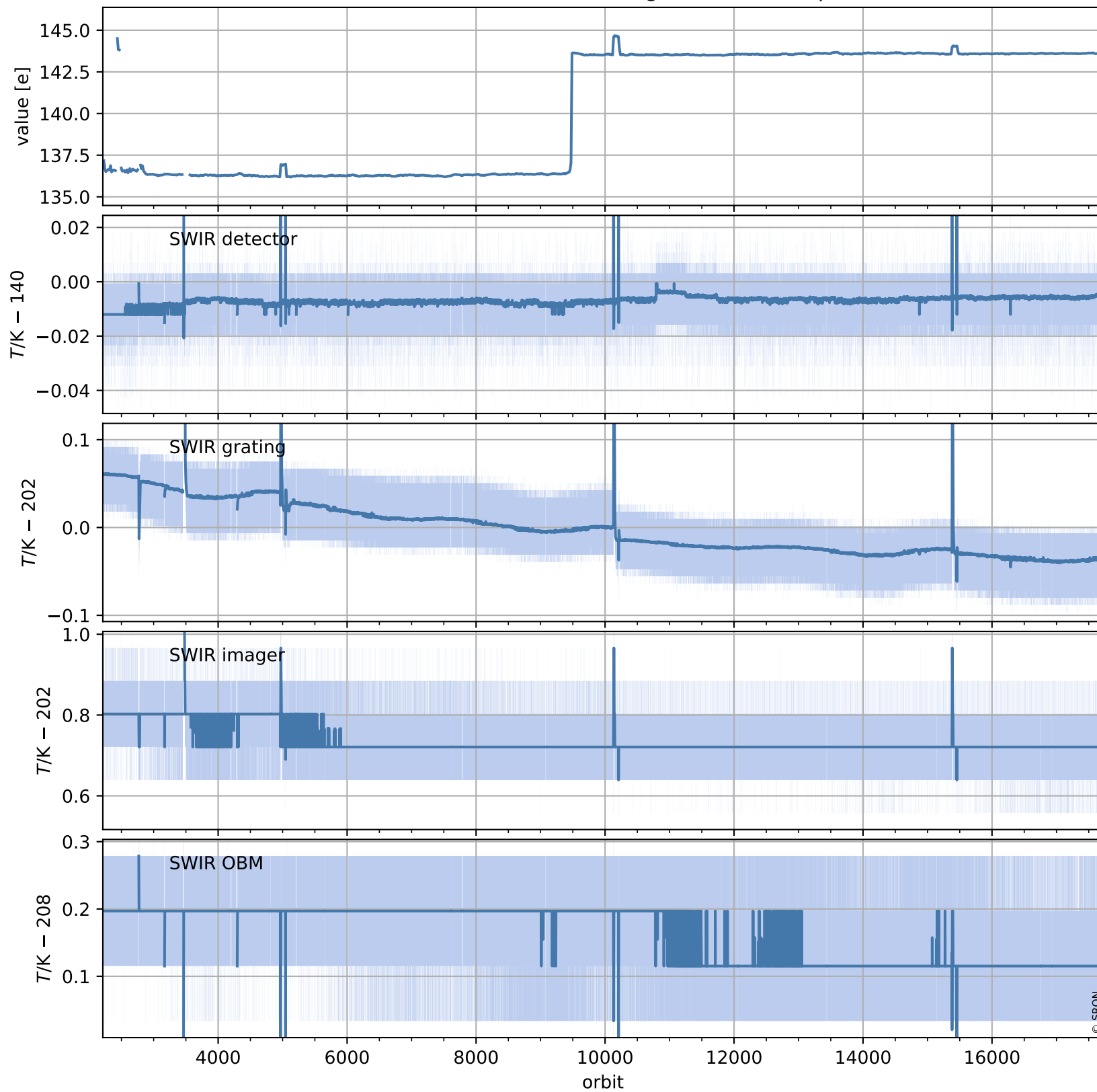
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17722]
coverage : 2018-03-18 / 2021-03-15
created : 2023-08-21T15:55:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17722]
coverage : 2018-03-18 / 2021-03-15
created : 2023-08-21T15:55:11

trend of normalized read-noise & temperatures

