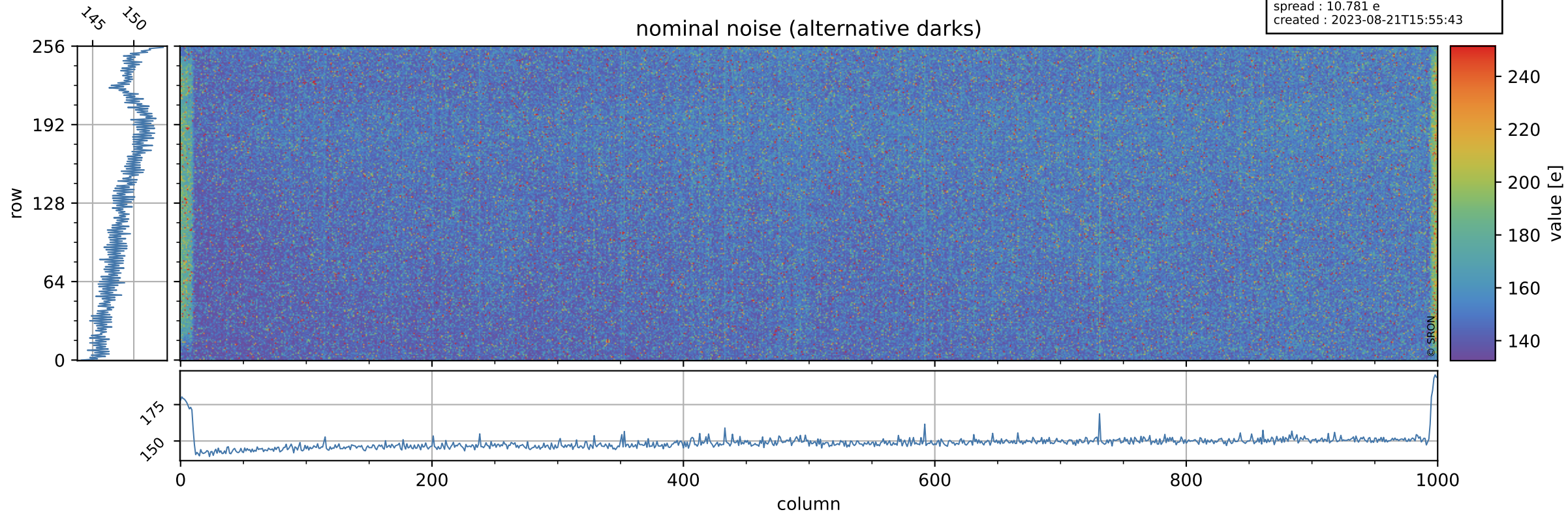


Tropomi SWIR background noise (swir)

orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.781 e
created : 2023-08-21T15:55:43

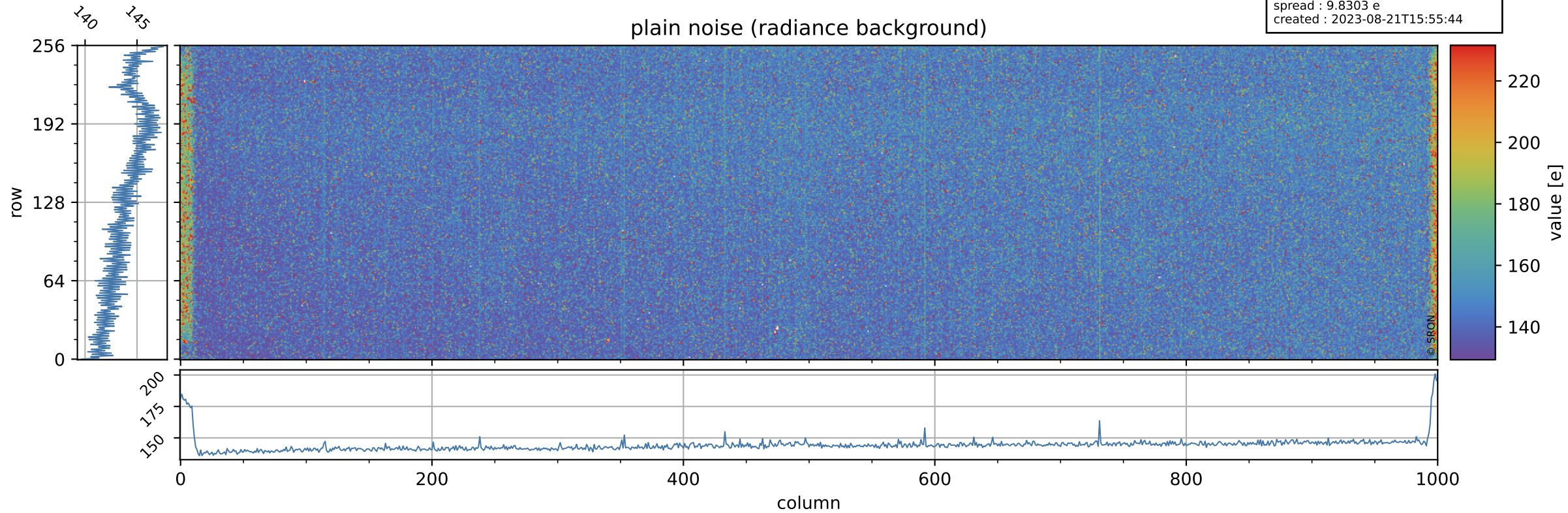
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8303 e
created : 2023-08-21T15:55:44

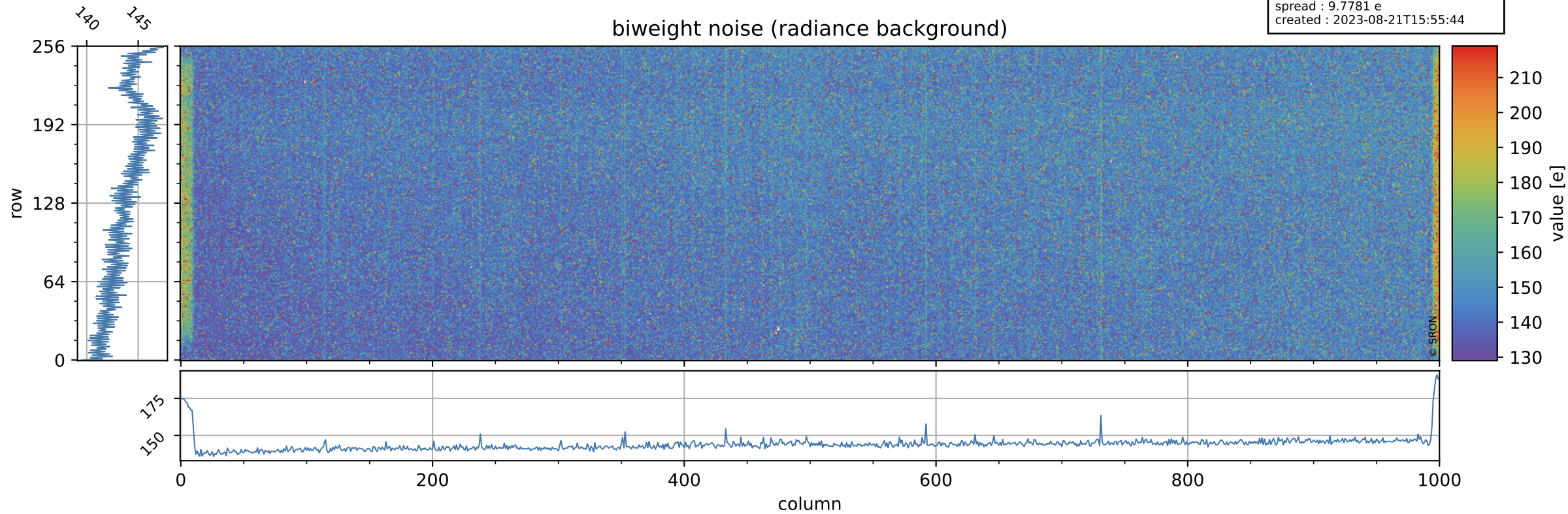
plain noise (radiance background)



Tropomi SWIR background noise (swir)

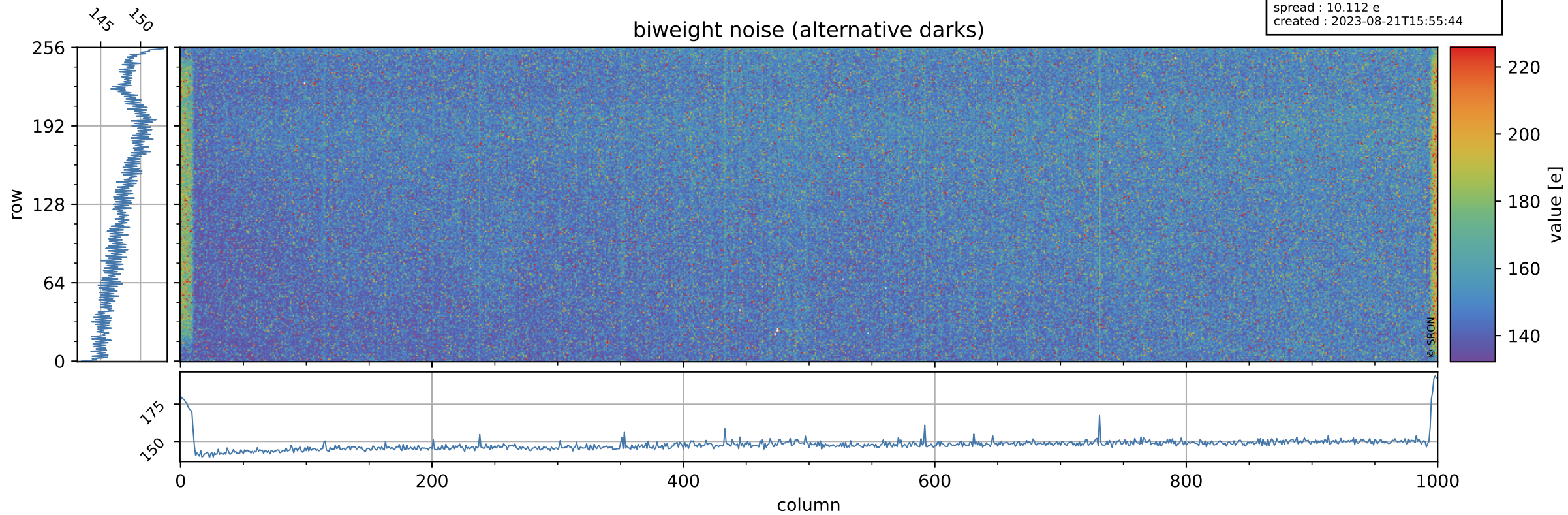
orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7781 e
created : 2023-08-21T15:55:44

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

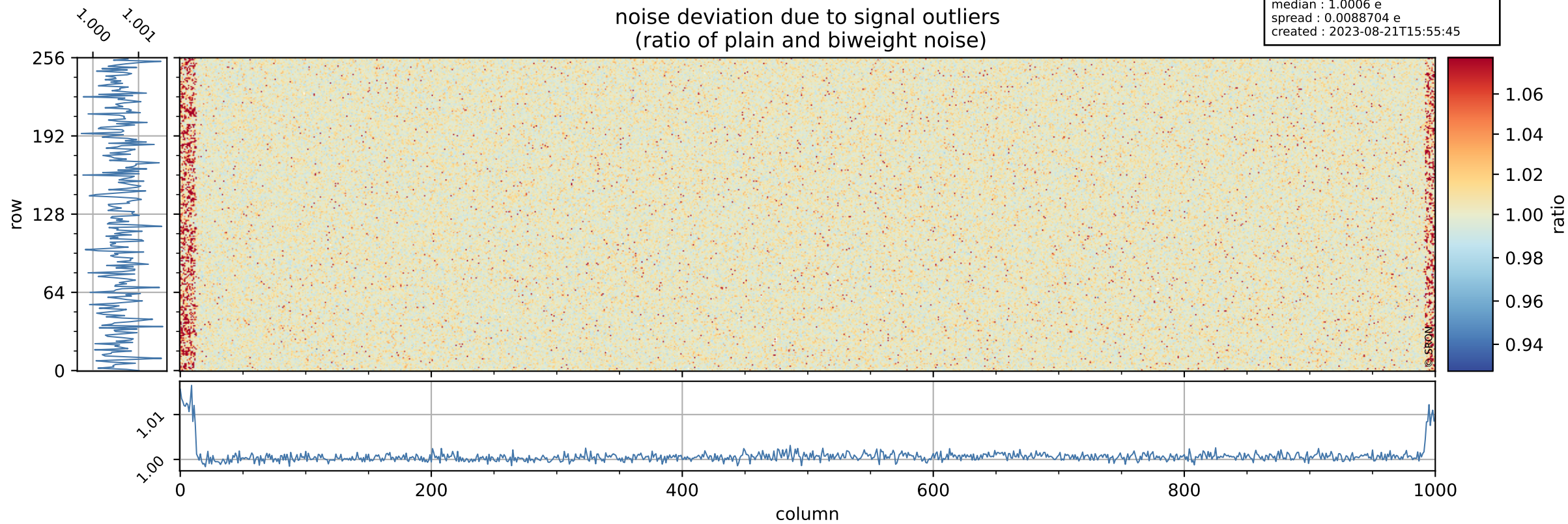
orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.112 e
created : 2023-08-21T15:55:44



Tropomi SWIR background noise (swir)

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

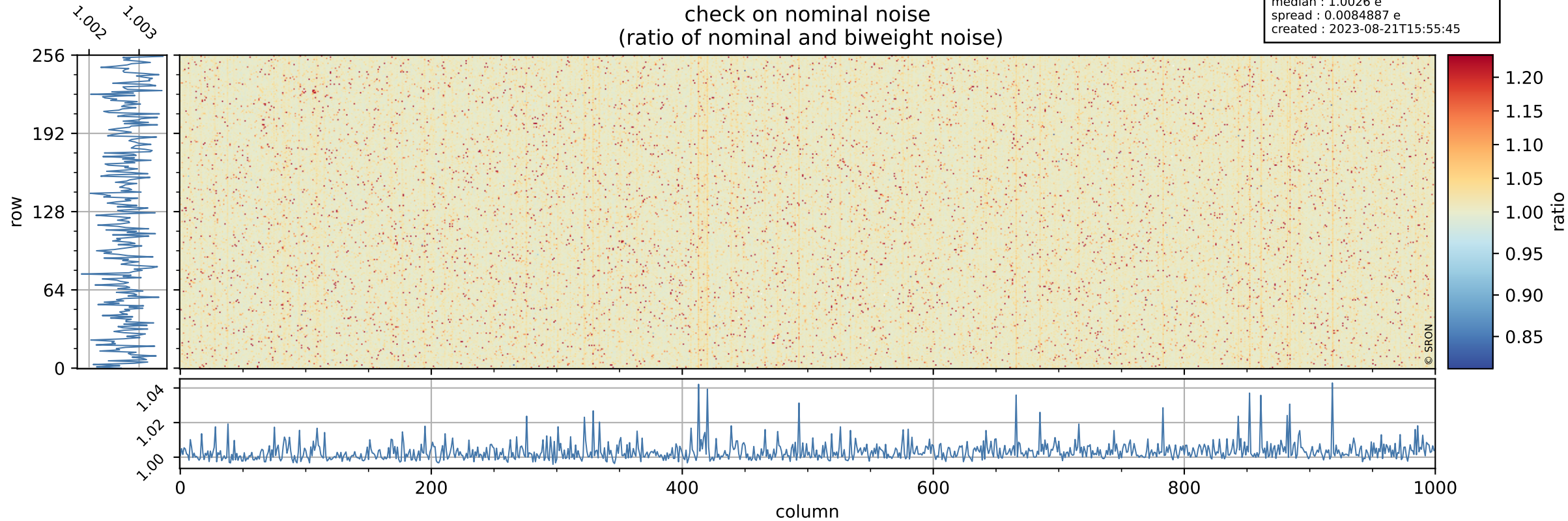
orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
median : 1.0006 e
spread : 0.0088704 e
created : 2023-08-21T15:55:45



Tropomi SWIR background noise (swir)

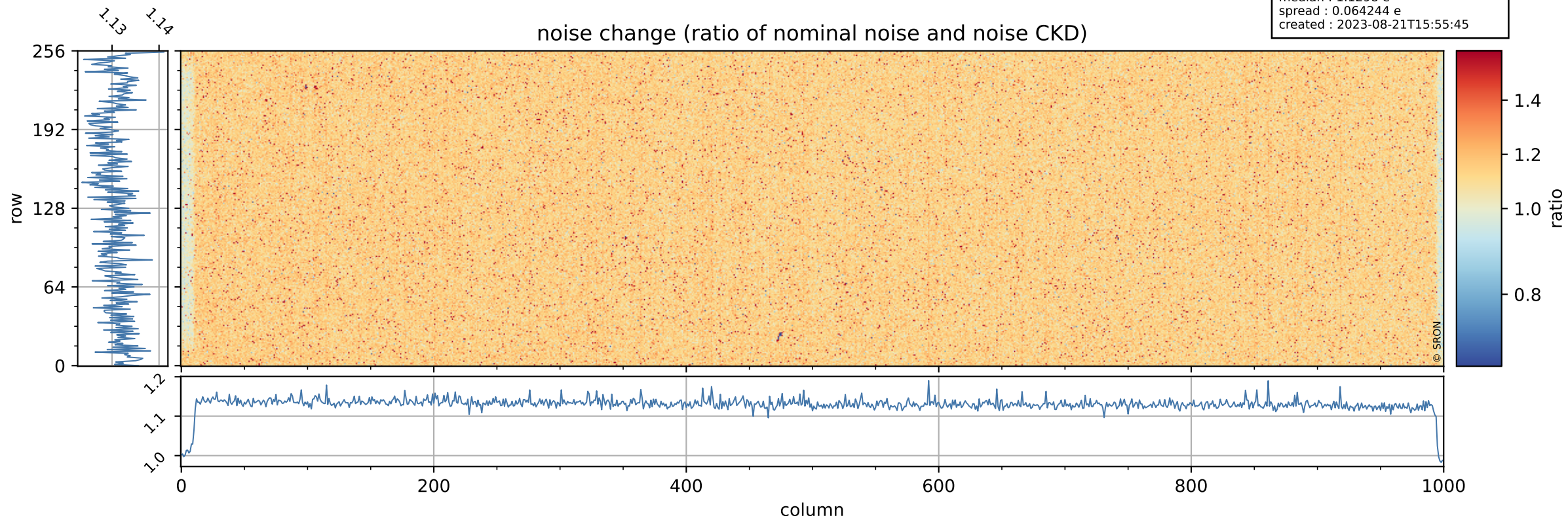
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
median : 1.0026 e
spread : 0.0084887 e
created : 2023-08-21T15:55:45



Tropomi SWIR background noise (swir)

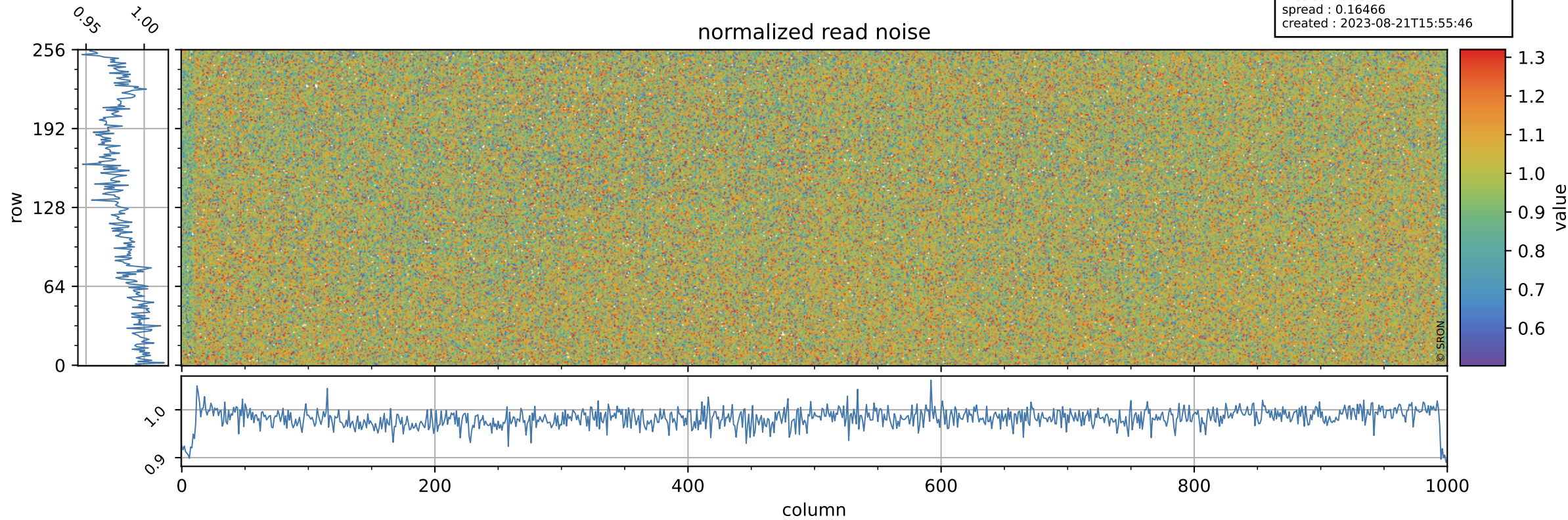
orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
median : 1.1298 e
spread : 0.064244 e
created : 2023-08-21T15:55:45



Tropomi SWIR background noise (swir)

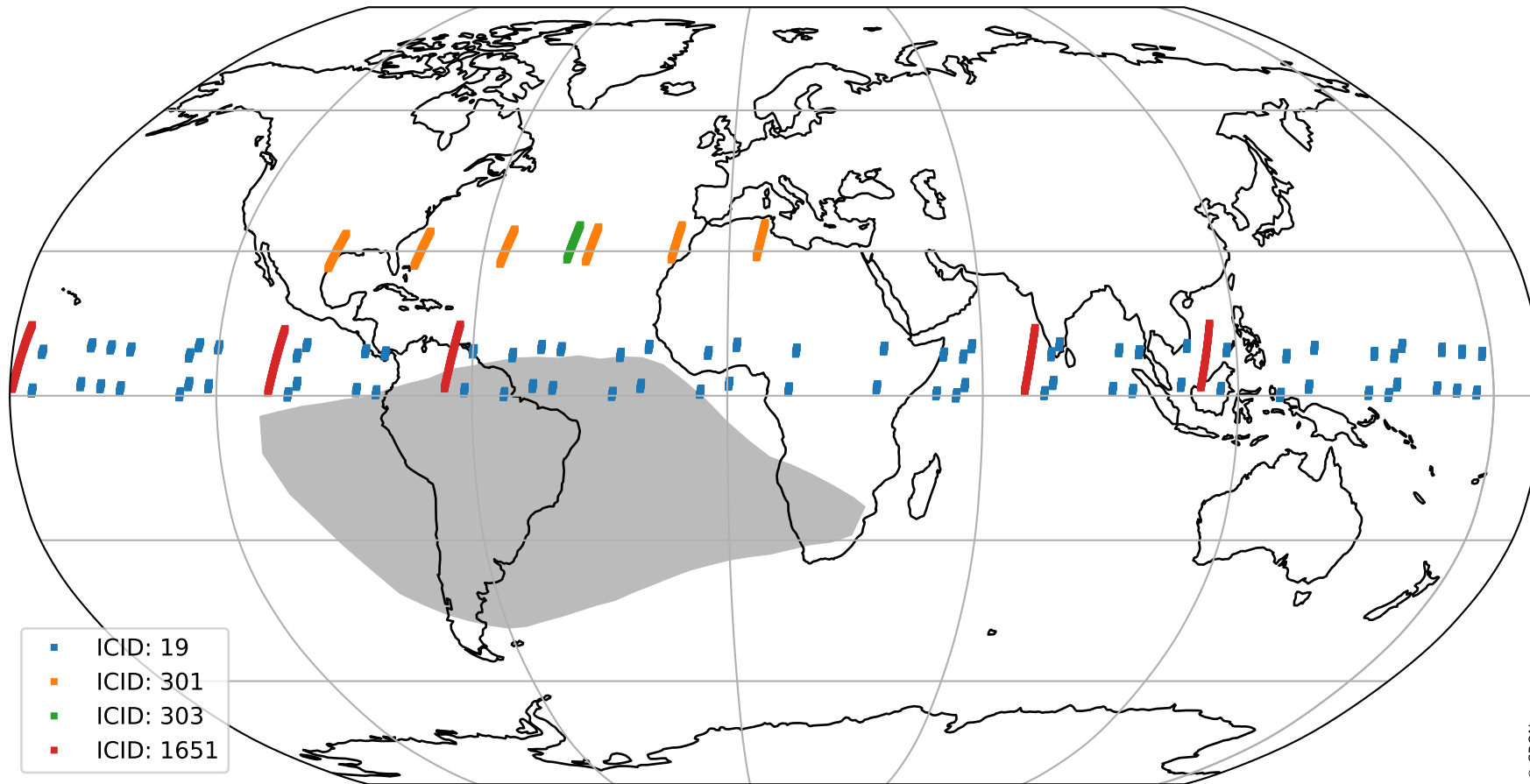
orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
median : 0.98132
spread : 0.16466
created : 2023-08-21T15:55:46

normalized read noise



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

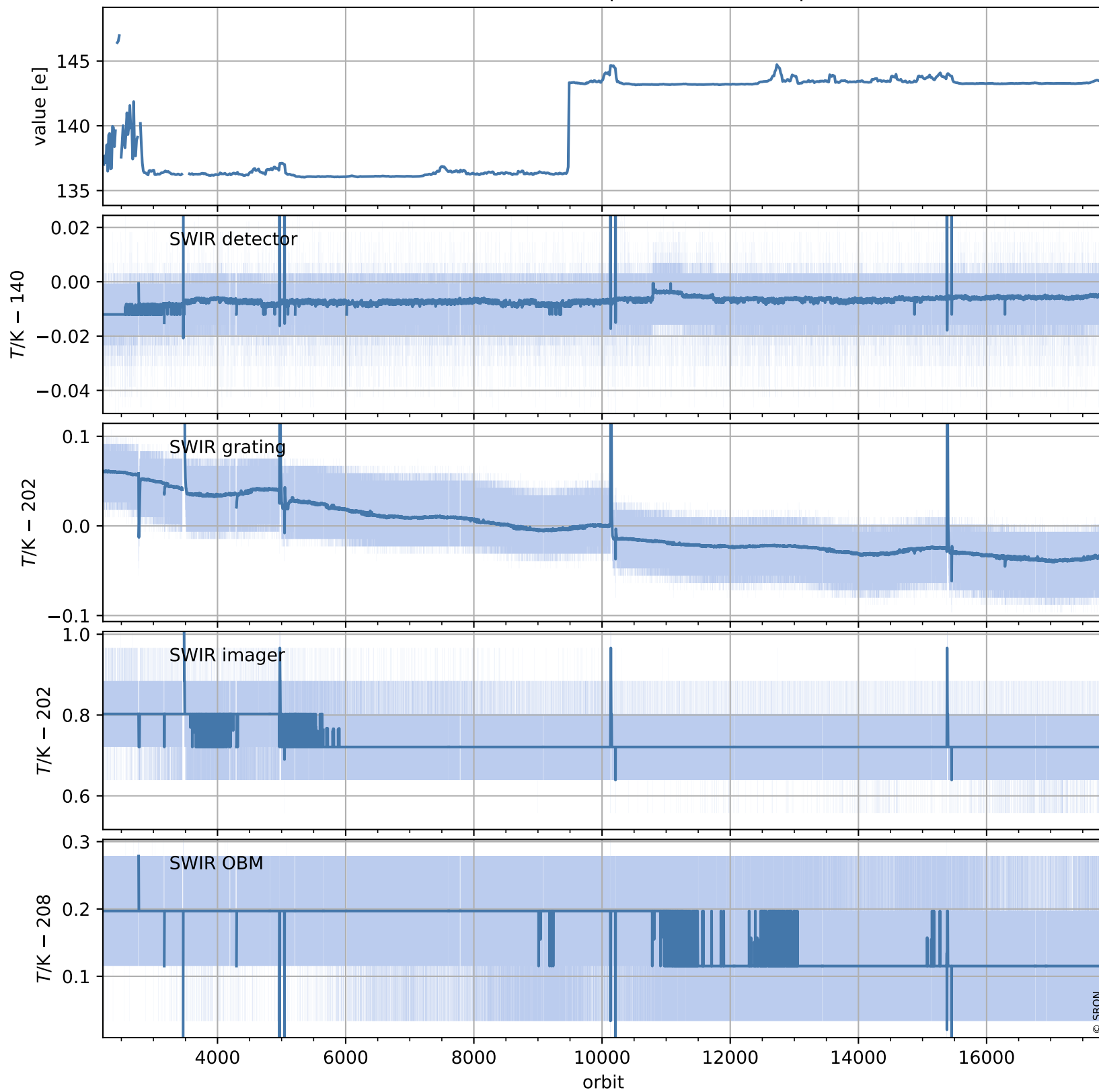
orbits : 12 in [17752, 17827]
coverage : 2021-03-16 / 2021-03-22
created : 2023-08-21T15:55:46



Tropomi SWIR background noise (swir)

orbits : [2212, 17827]
coverage : 2018-03-18 / 2021-03-22
created : 2023-08-21T15:55:46

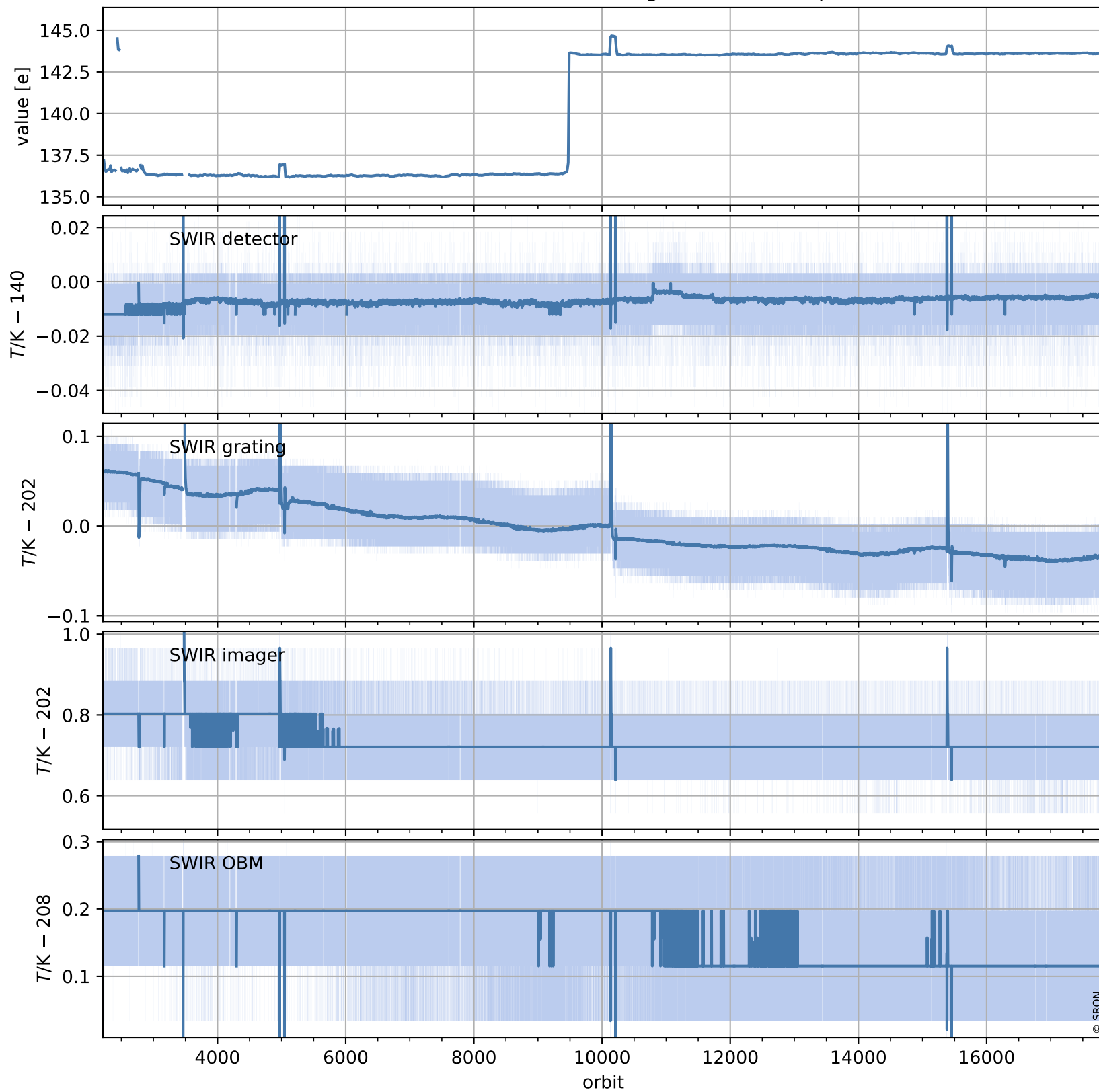
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17827]
coverage : 2018-03-18 / 2021-03-22
created : 2023-08-21T15:55:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17827]
coverage : 2018-03-18 / 2021-03-22
created : 2023-08-21T15:55:48

trend of normalized read-noise & temperatures

