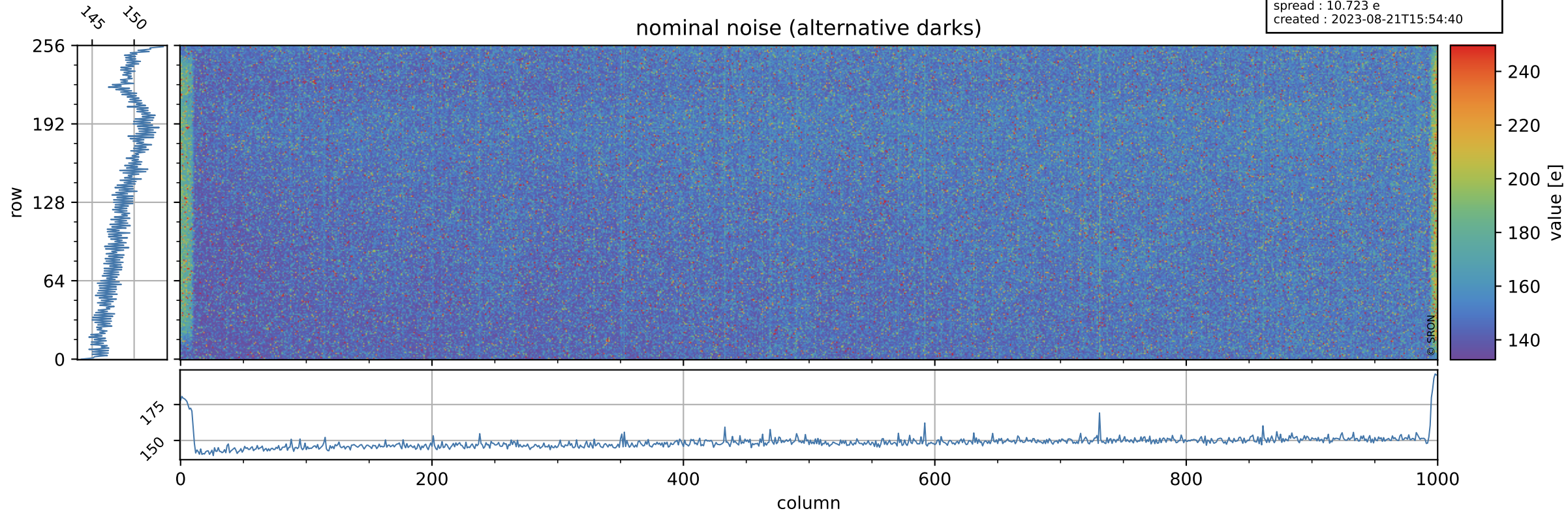


Tropomi SWIR background noise (swir)

orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.723 e
created : 2023-08-21T15:54:40

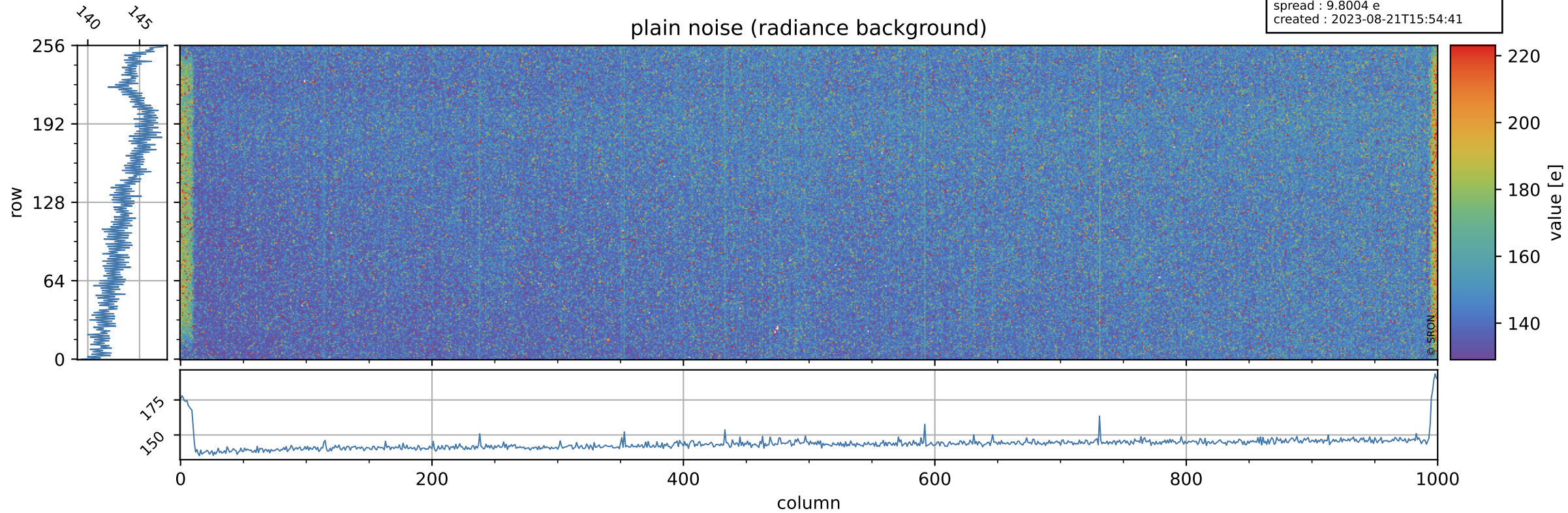
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8004 e
created : 2023-08-21T15:54:41

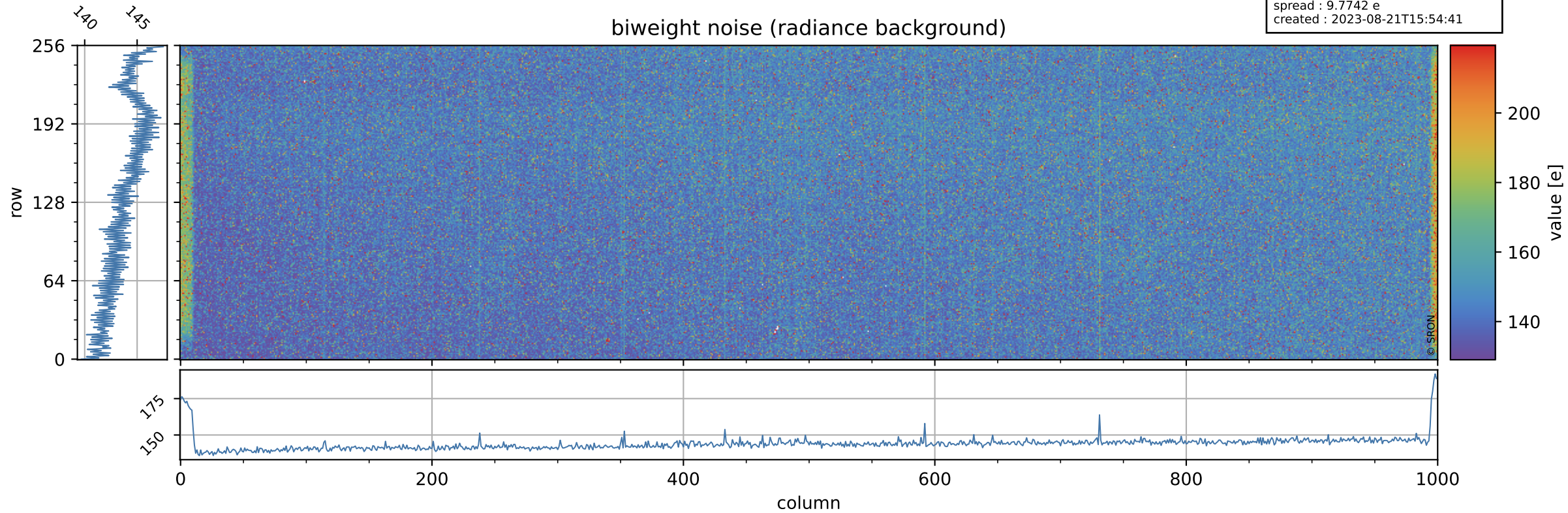
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7742 e
created : 2023-08-21T15:54:41

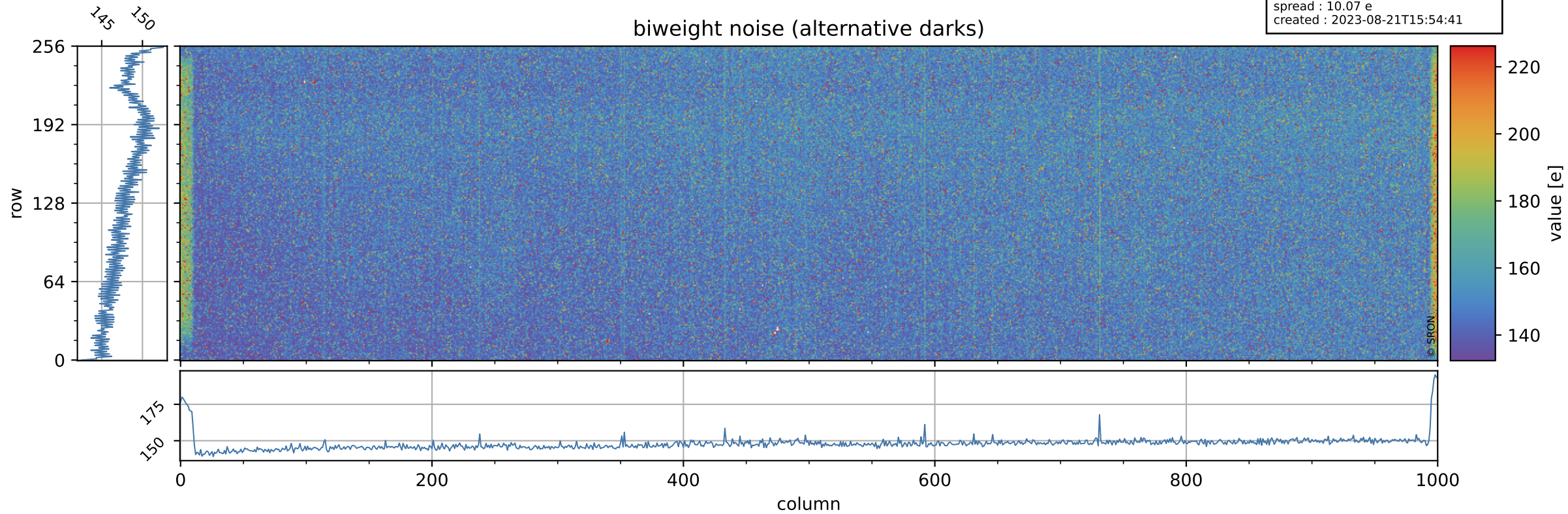
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.07 e
created : 2023-08-21T15:54:41

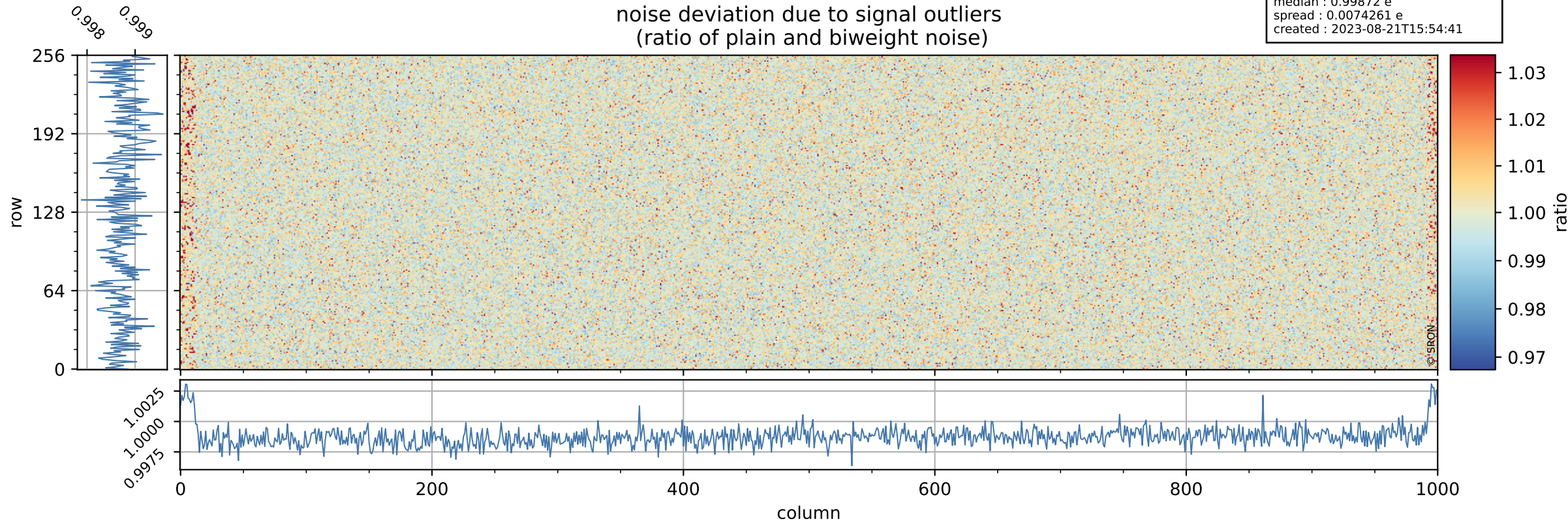
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

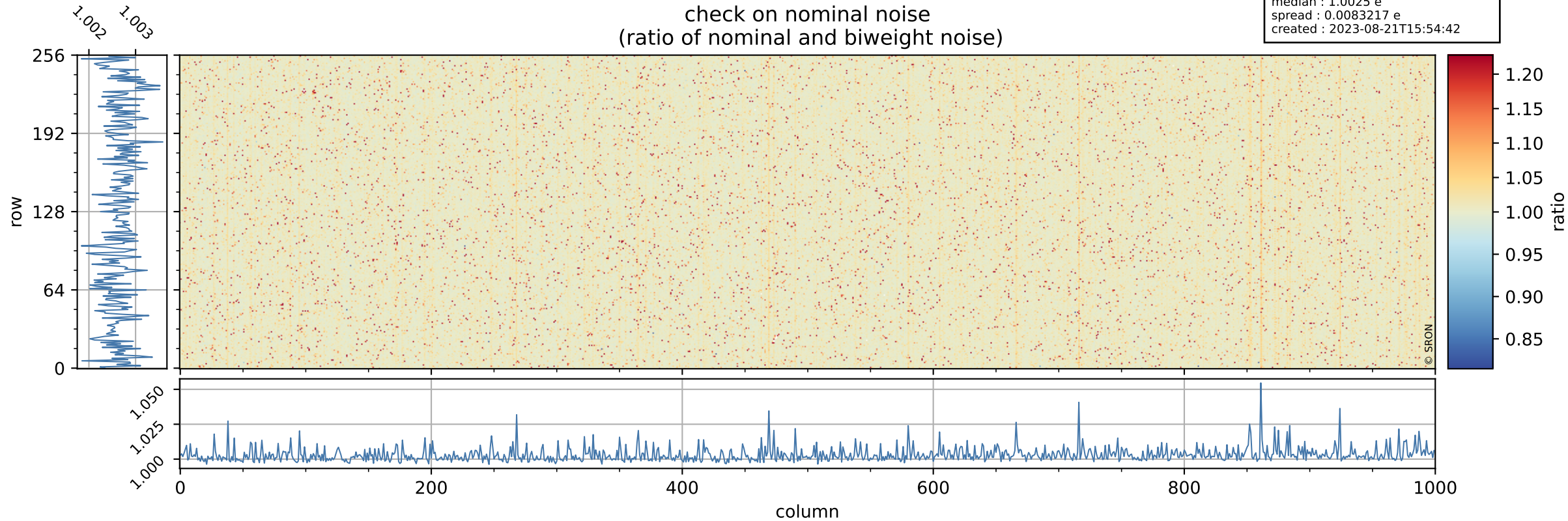
orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
median : 0.99872 e
spread : 0.0074261 e
created : 2023-08-21T15:54:41



Tropomi SWIR background noise (swir)

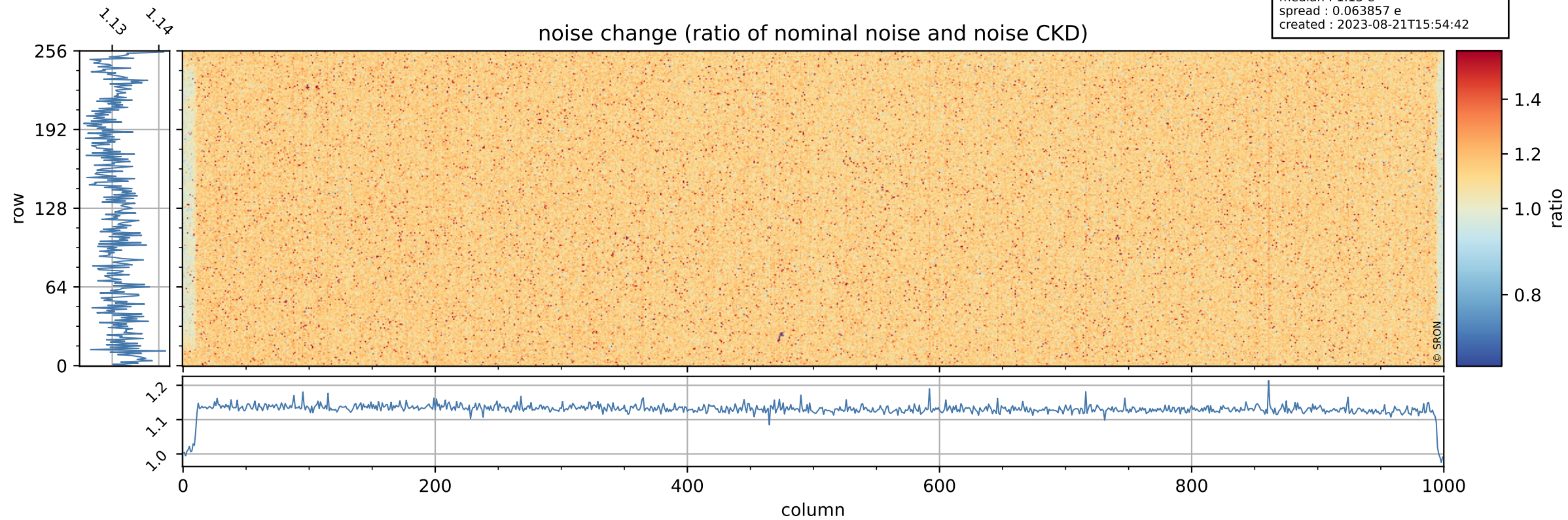
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
median : 1.0025 e
spread : 0.0083217 e
created : 2023-08-21T15:54:42



Tropomi SWIR background noise (swir)

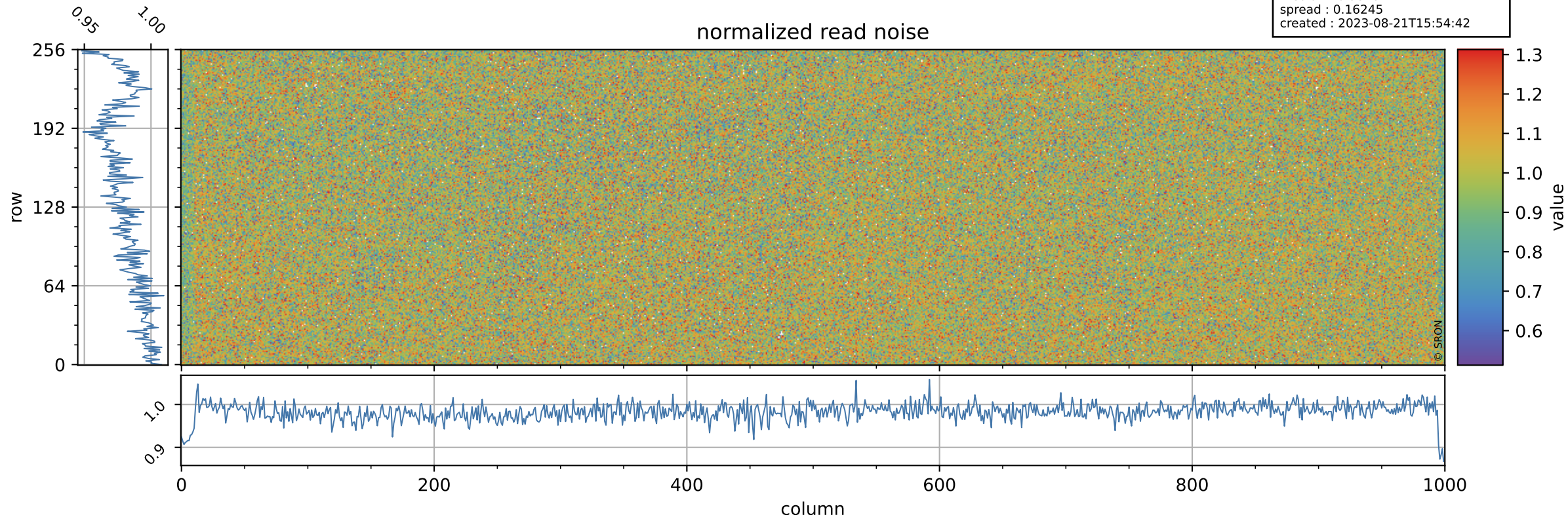
orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
median : 1.13 e
spread : 0.063857 e
created : 2023-08-21T15:54:42



Tropomi SWIR background noise (swir)

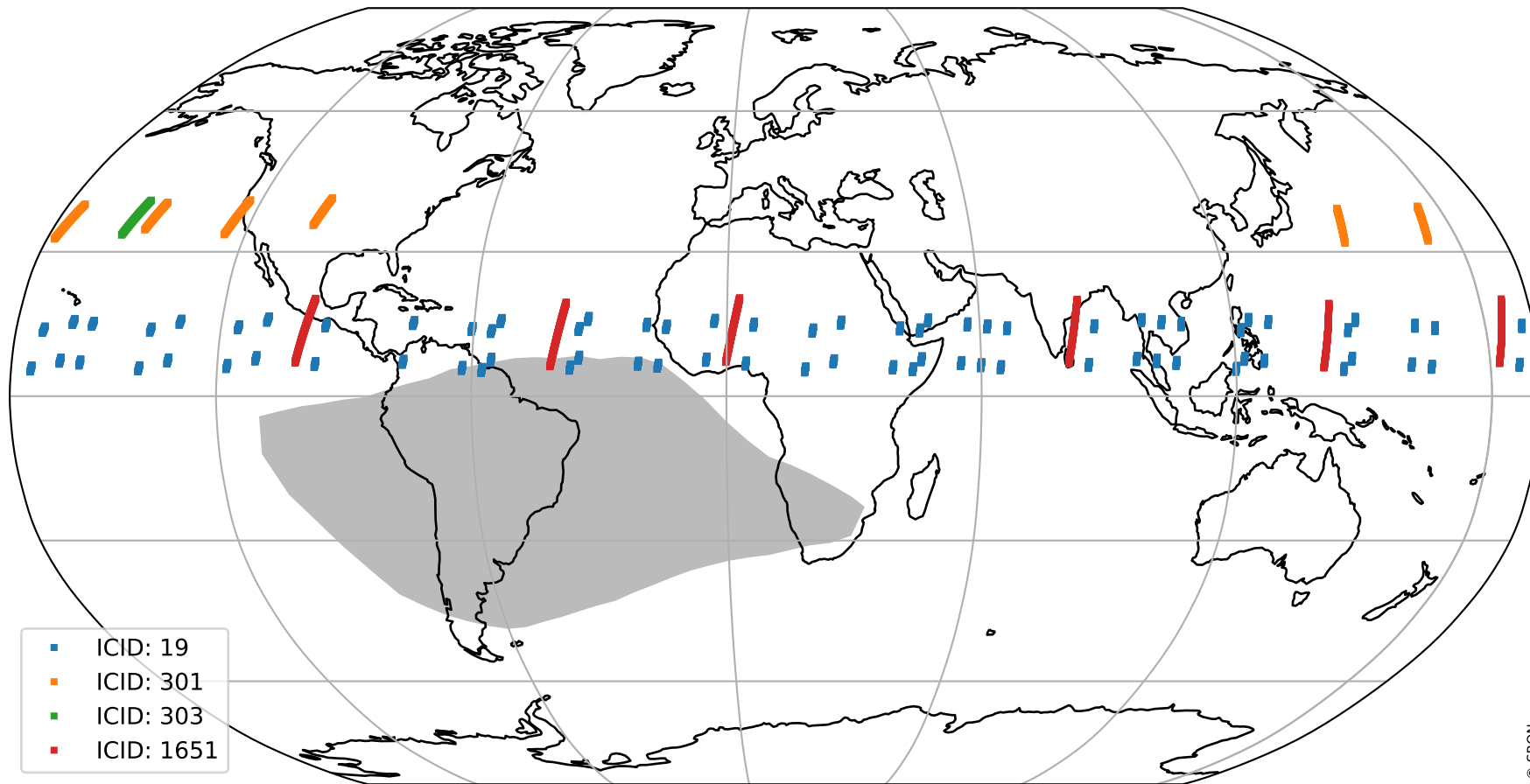
orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
median : 0.98102
spread : 0.16245
created : 2023-08-21T15:54:42

normalized read noise



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

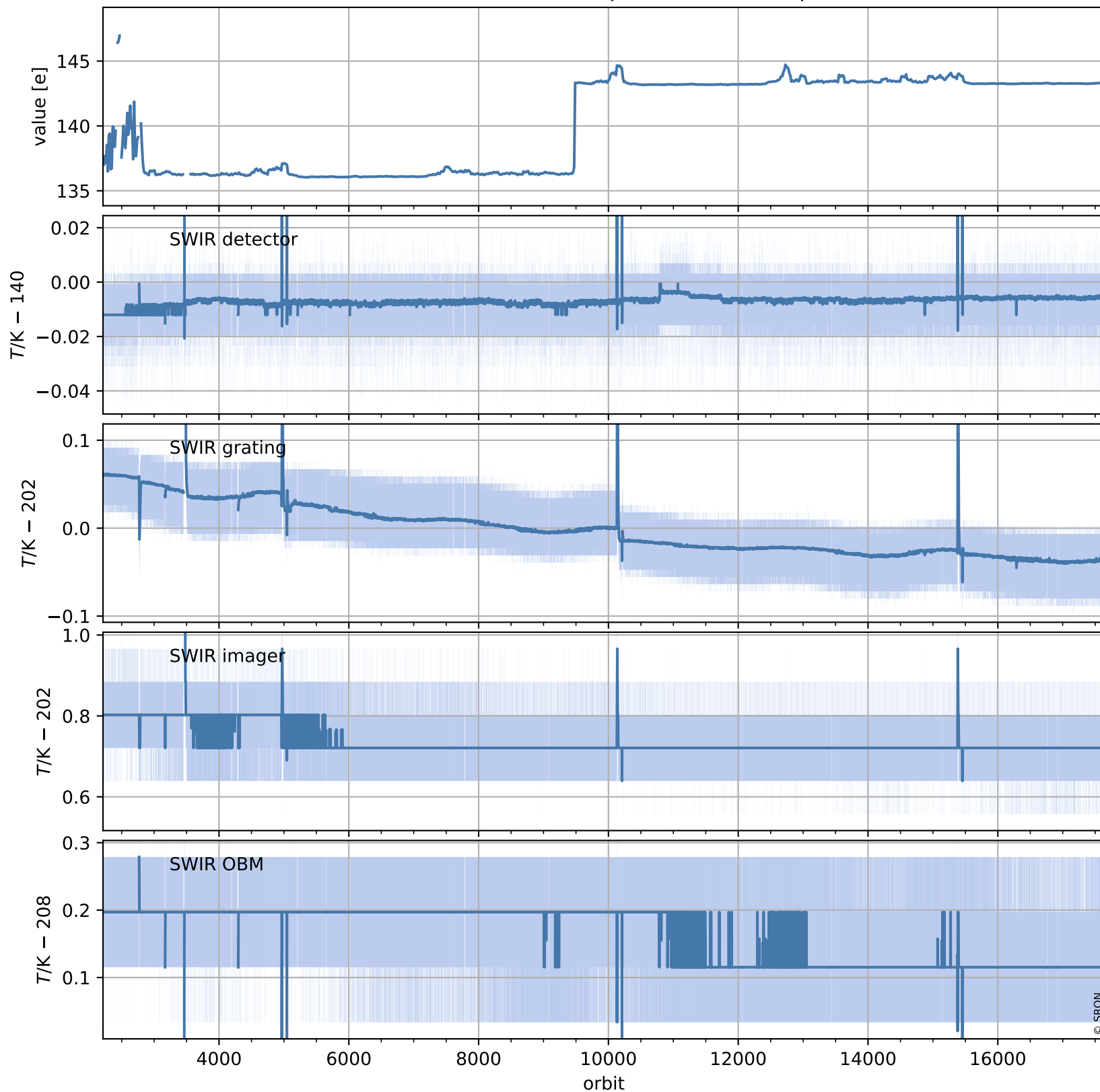
orbits : 13 in [17572, 17647]
coverage : 2021-03-04 / 2021-03-09
created : 2023-08-21T15:54:43



Tropomi SWIR background noise (swir)

orbits : [2212, 17647]
coverage : 2018-03-18 / 2021-03-09
created : 2023-08-21T15:54:43

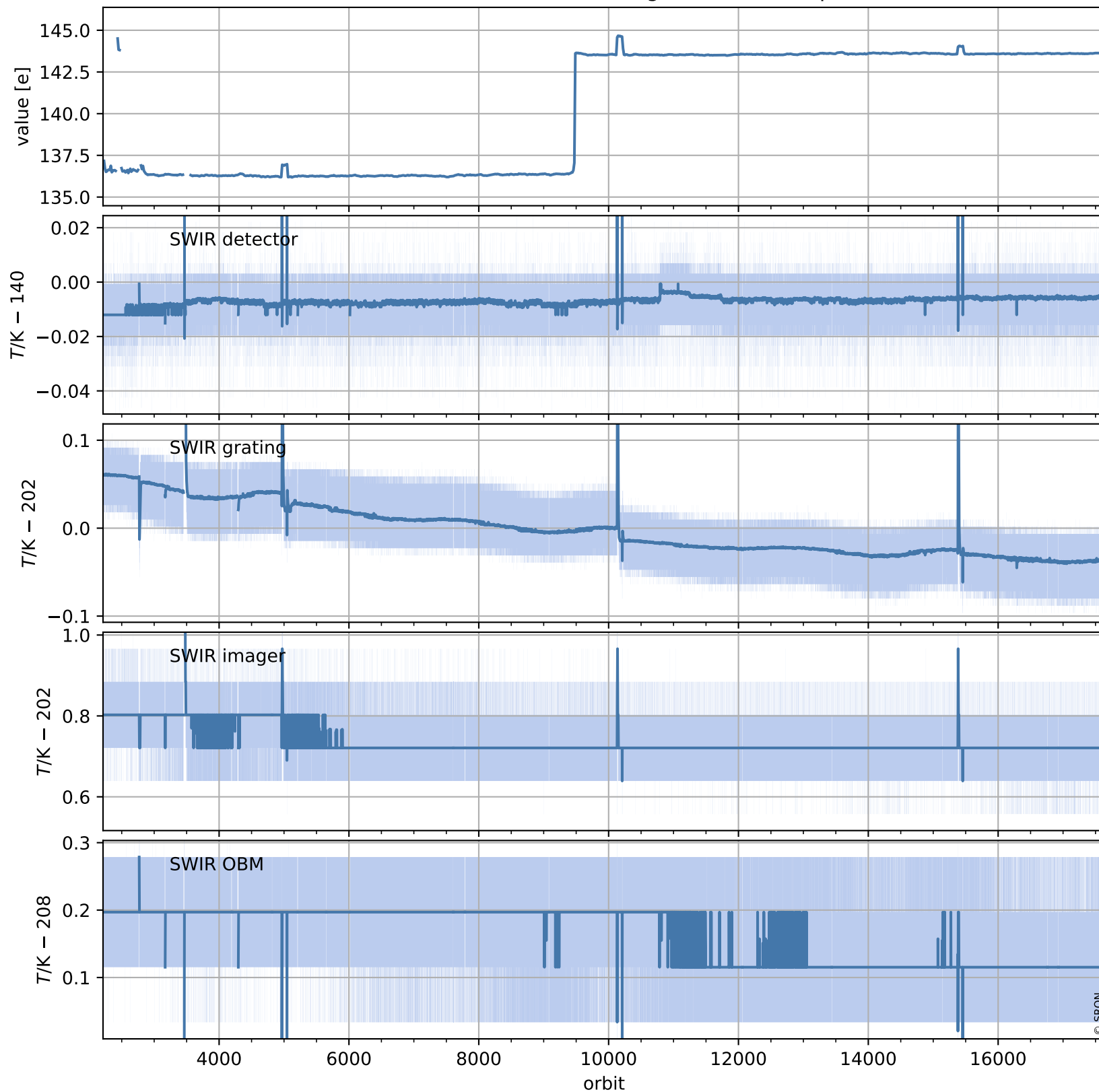
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17647]
coverage : 2018-03-18 / 2021-03-09
created : 2023-08-21T15:54:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17647]
coverage : 2018-03-18 / 2021-03-09
created : 2023-08-21T15:54:44

trend of normalized read-noise & temperatures

