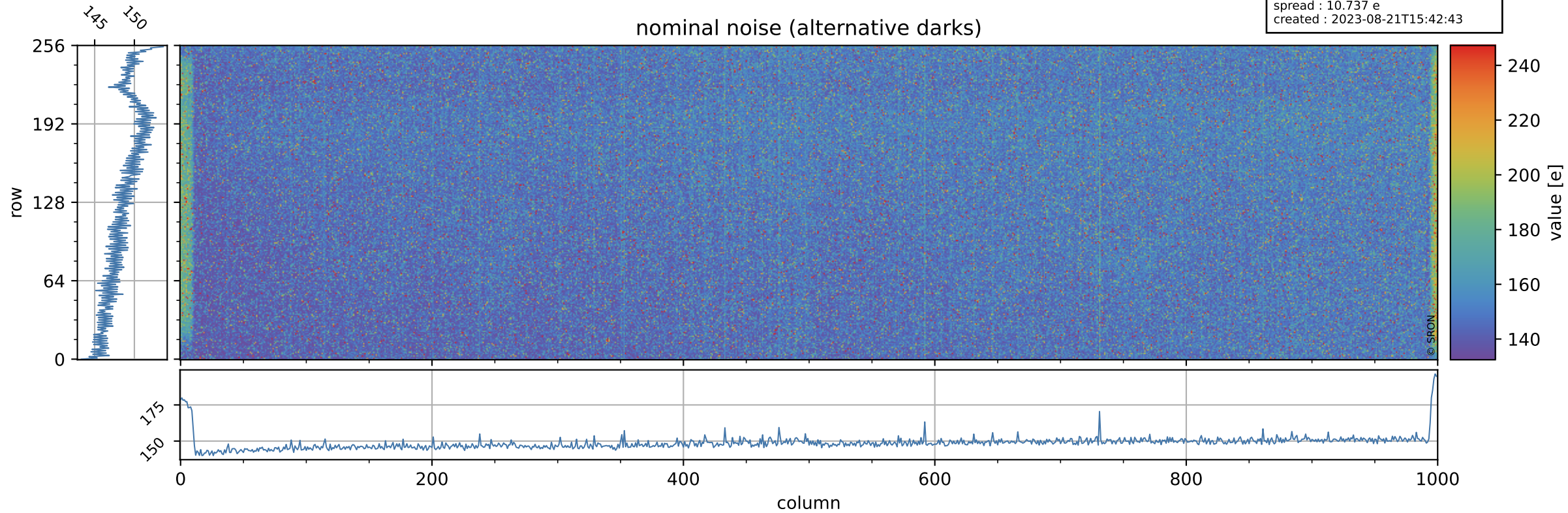


Tropomi SWIR background noise (swir)

orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.737 e
created : 2023-08-21T15:42:43

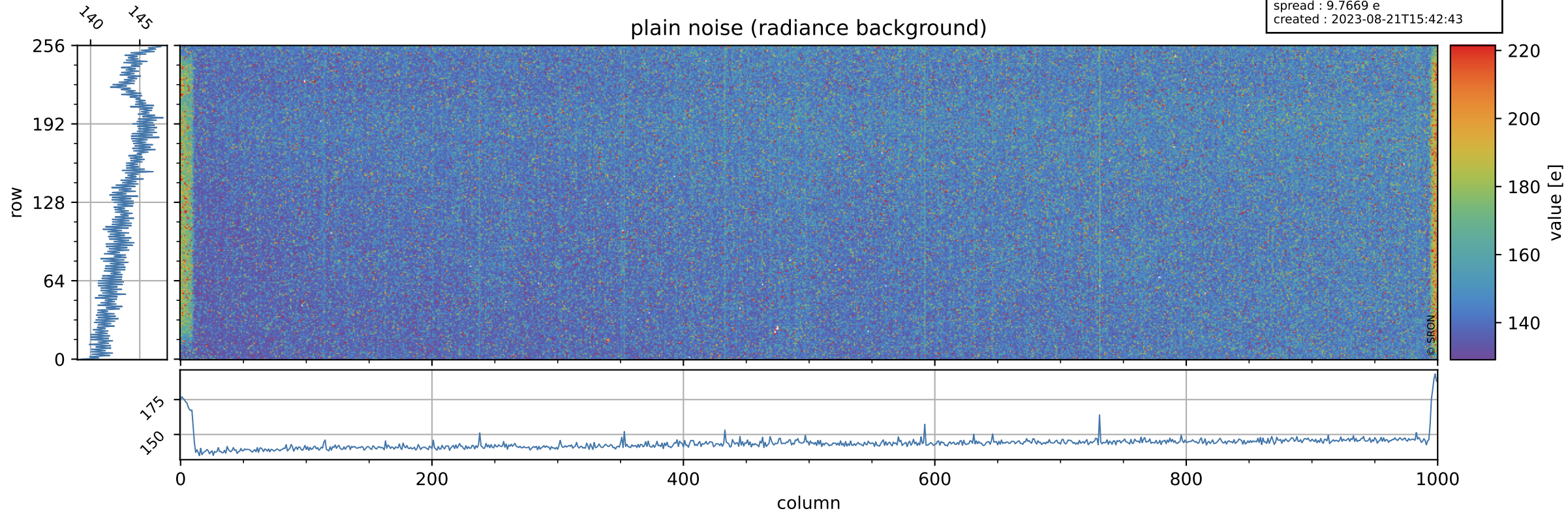
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7669 e
created : 2023-08-21T15:42:43

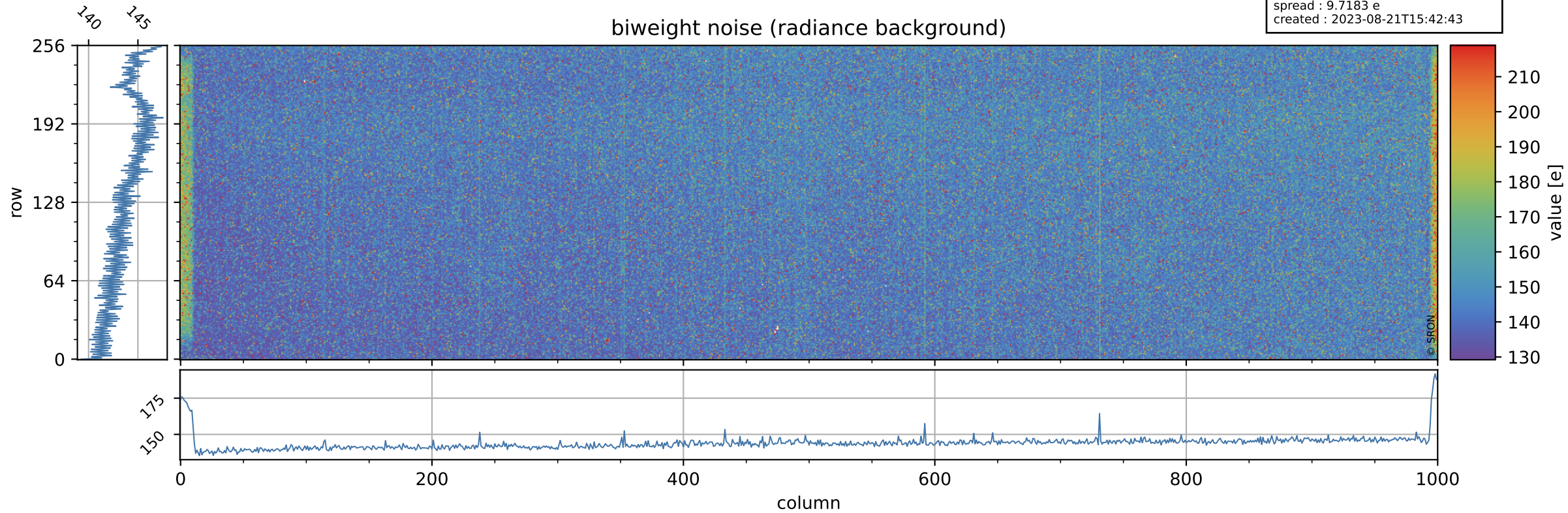
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7183 e
created : 2023-08-21T15:42:43

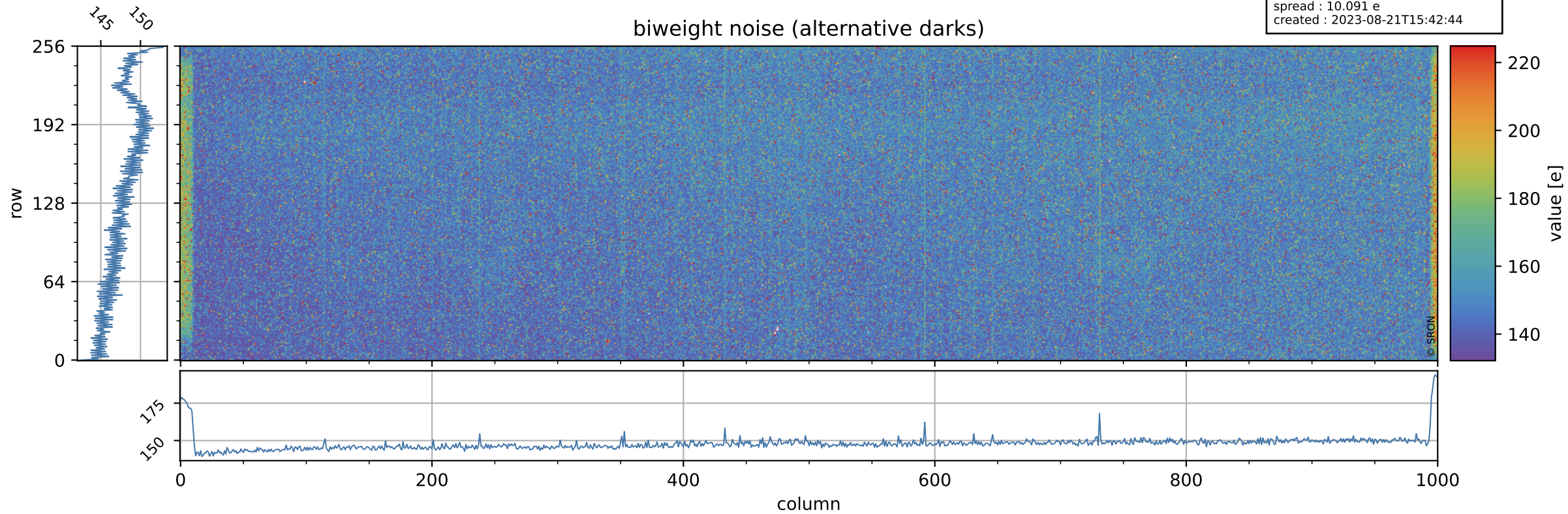
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.091 e
created : 2023-08-21T15:42:44

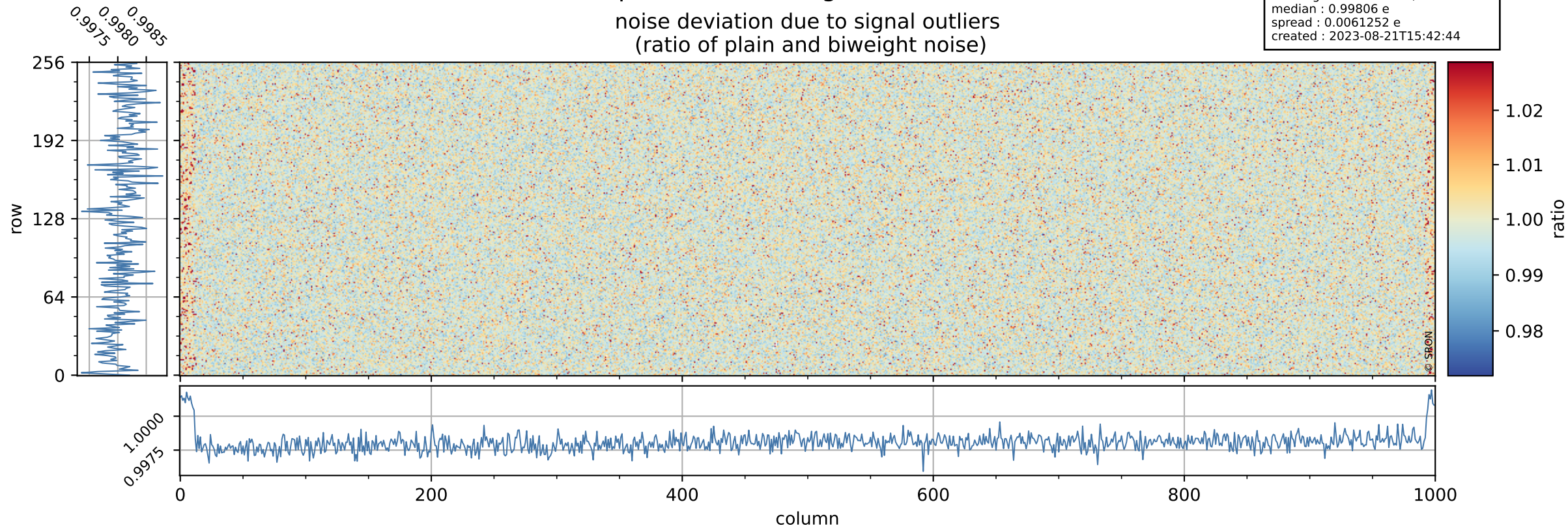
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

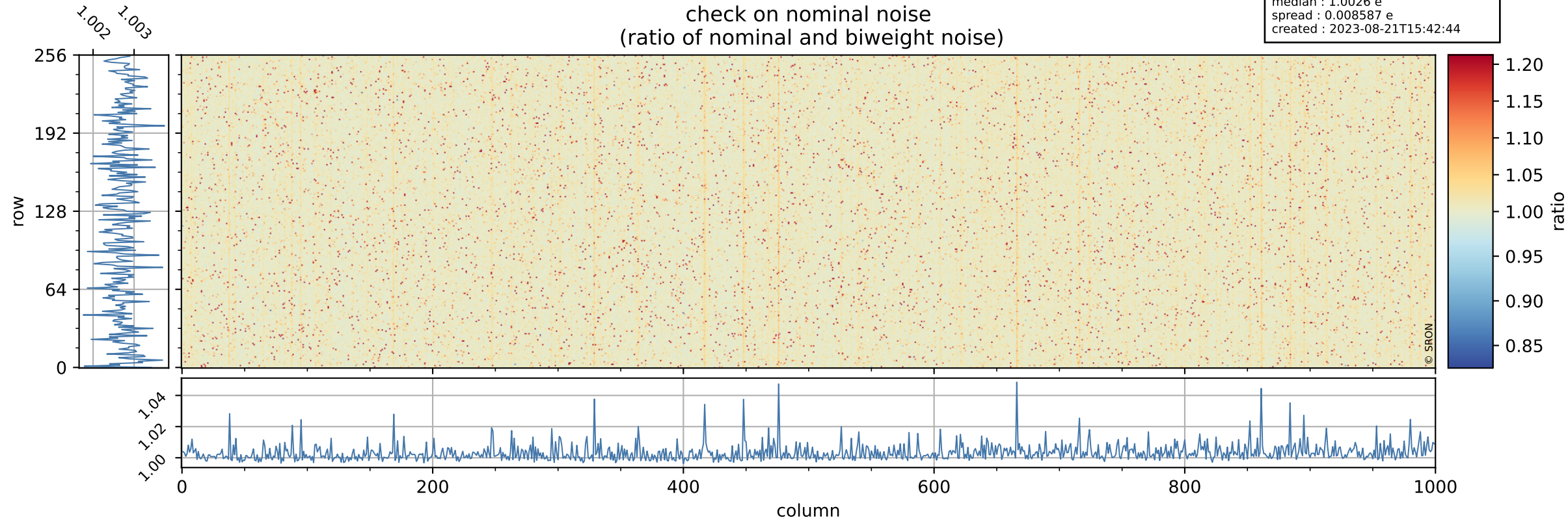
orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
median : 0.99806 e
spread : 0.0061252 e
created : 2023-08-21T15:42:44



Tropomi SWIR background noise (swir)

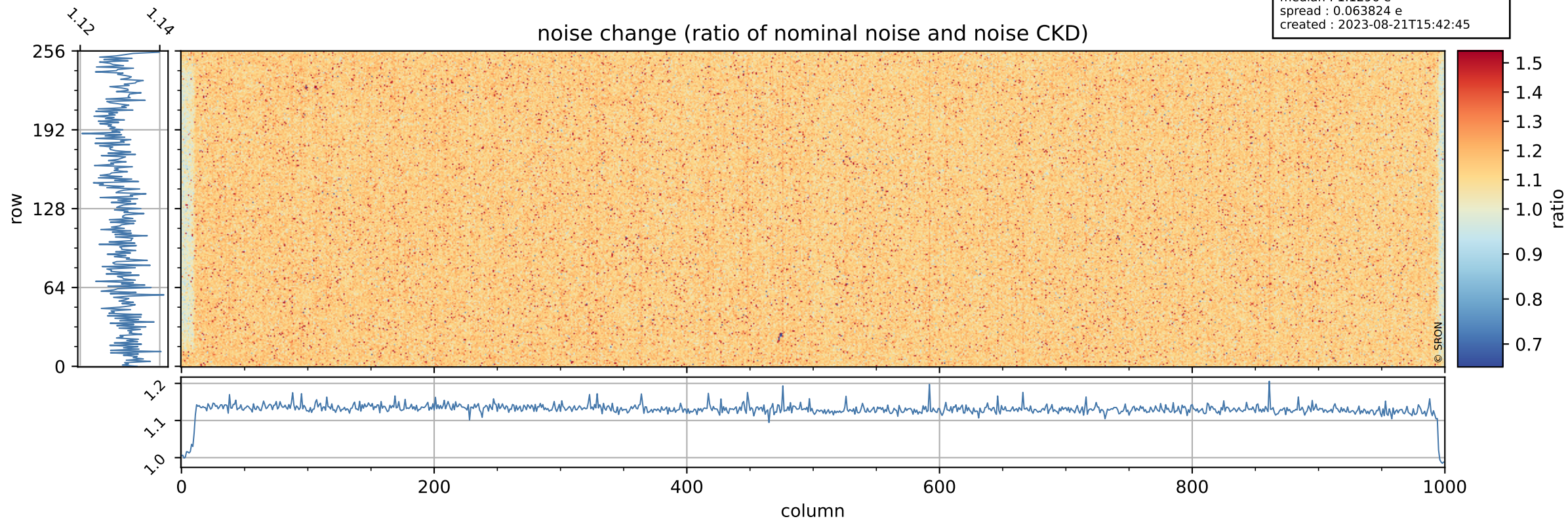
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
median : 1.0026 e
spread : 0.008587 e
created : 2023-08-21T15:42:44



Tropomi SWIR background noise (swir)

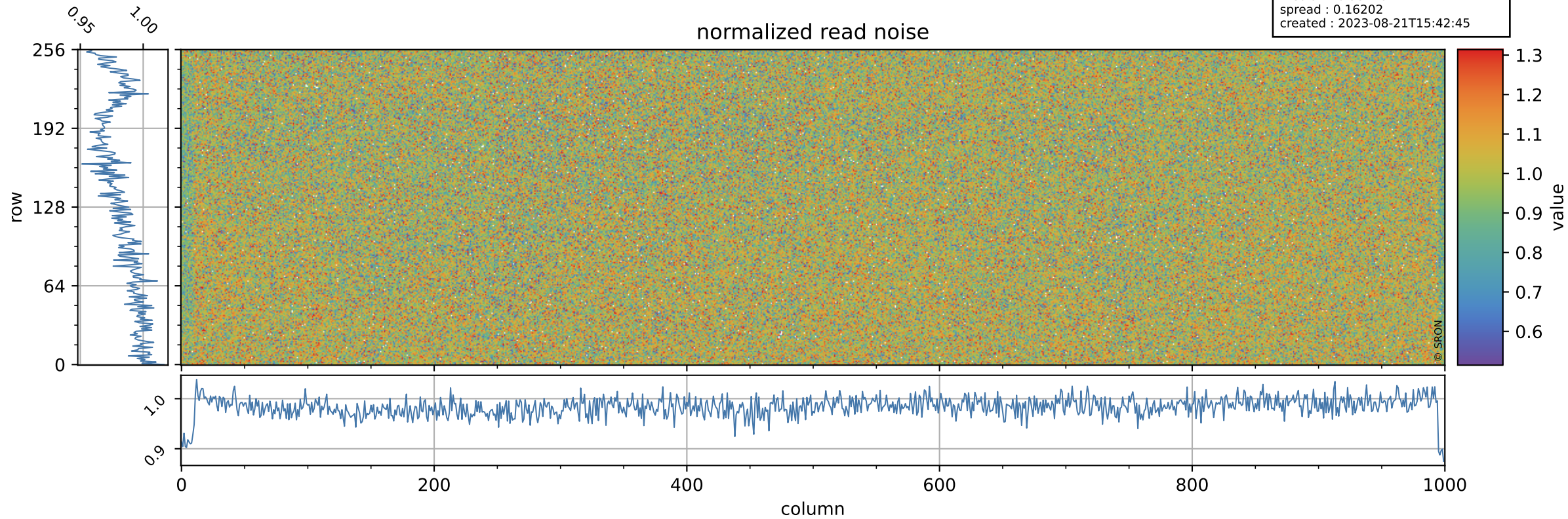
orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
median : 1.1296 e
spread : 0.063824 e
created : 2023-08-21T15:42:45



Tropomi SWIR background noise (swir)

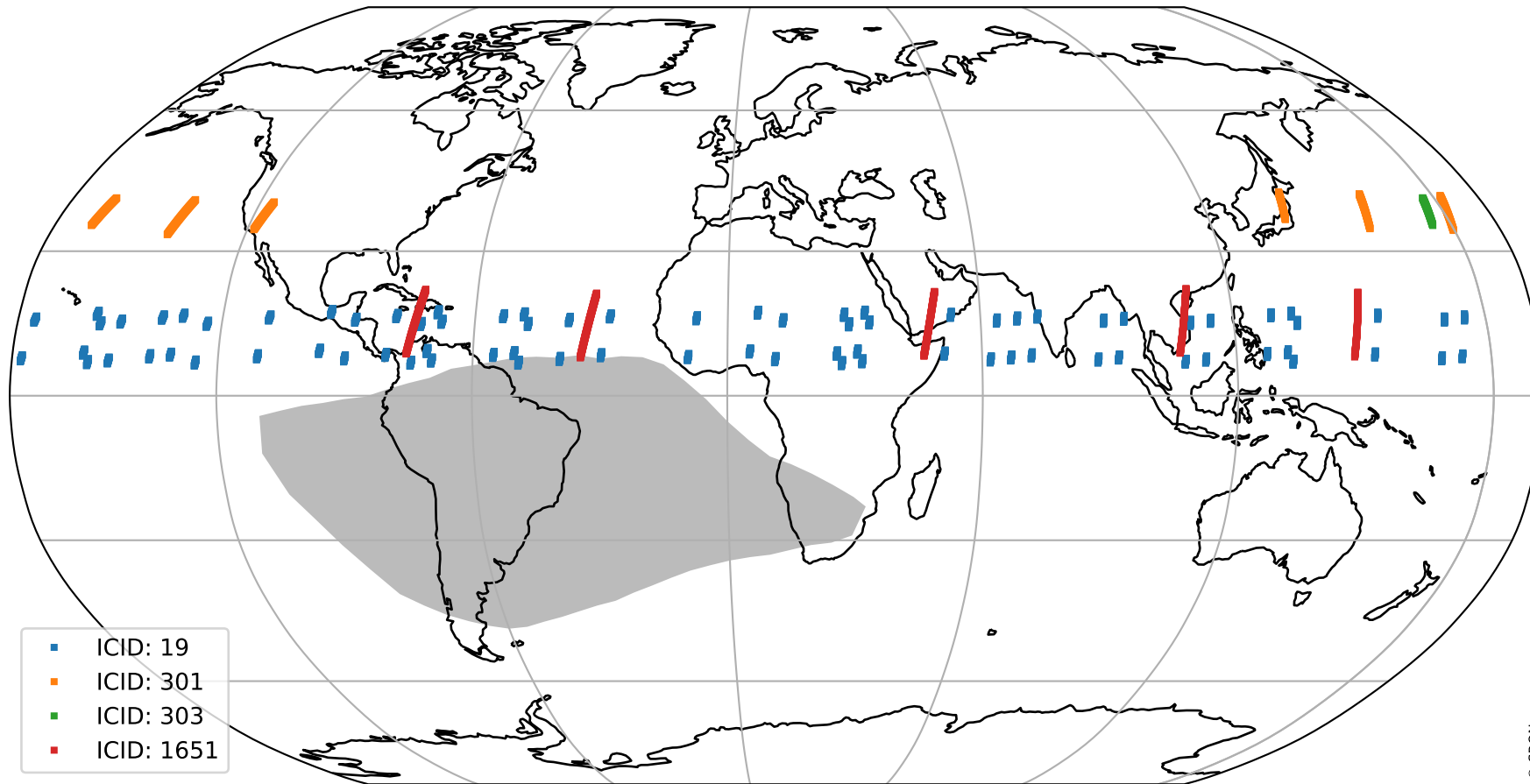
orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
median : 0.98216
spread : 0.16202
created : 2023-08-21T15:42:45

normalized read noise



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

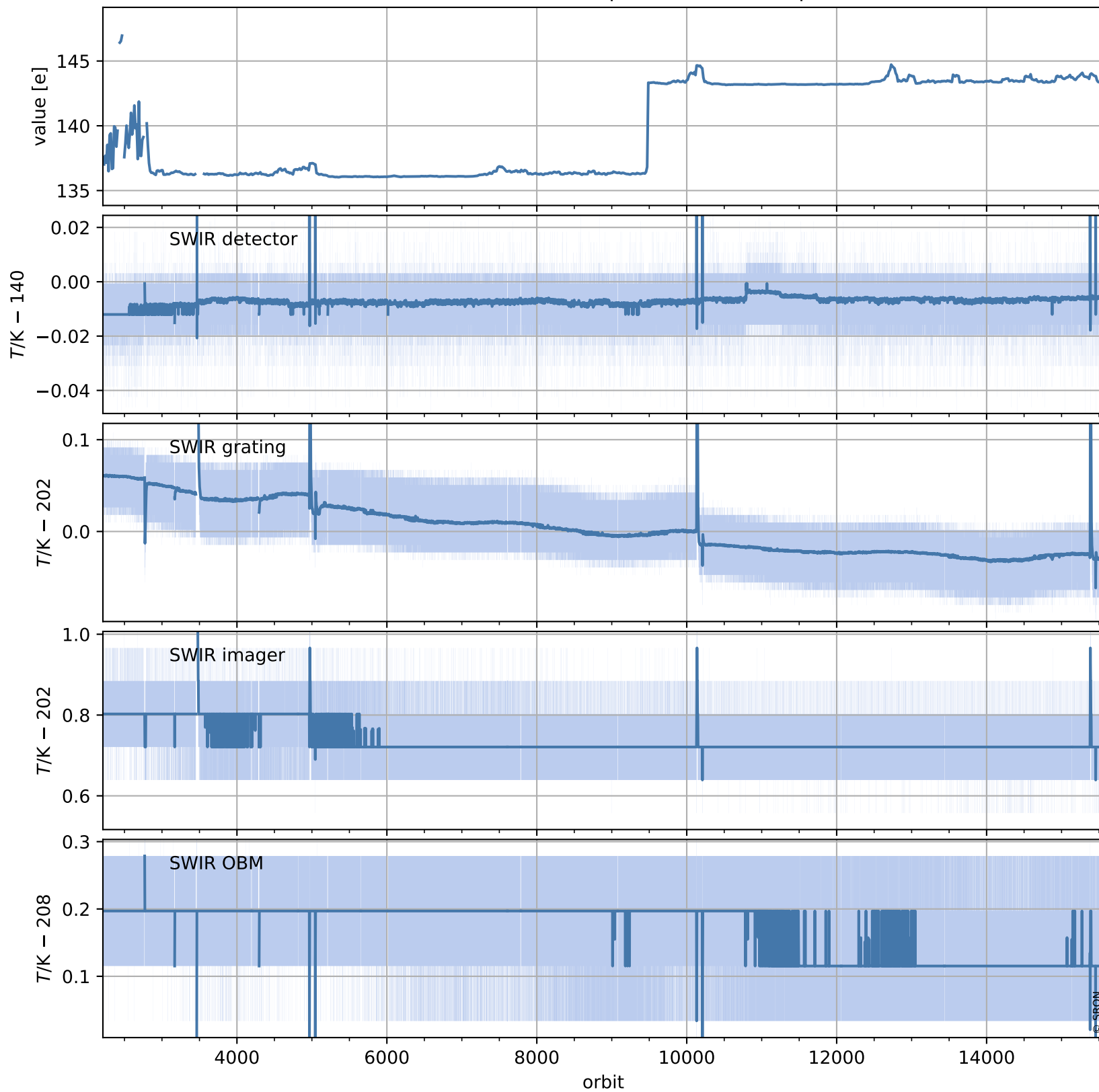
orbits : 12 in [15472, 15562]
coverage : 2020-10-08 / 2020-10-13
created : 2023-08-21T15:42:45



Tropomi SWIR background noise (swir)

orbits : [2212, 15562]
coverage : 2018-03-18 / 2020-10-13
created : 2023-08-21T15:42:45

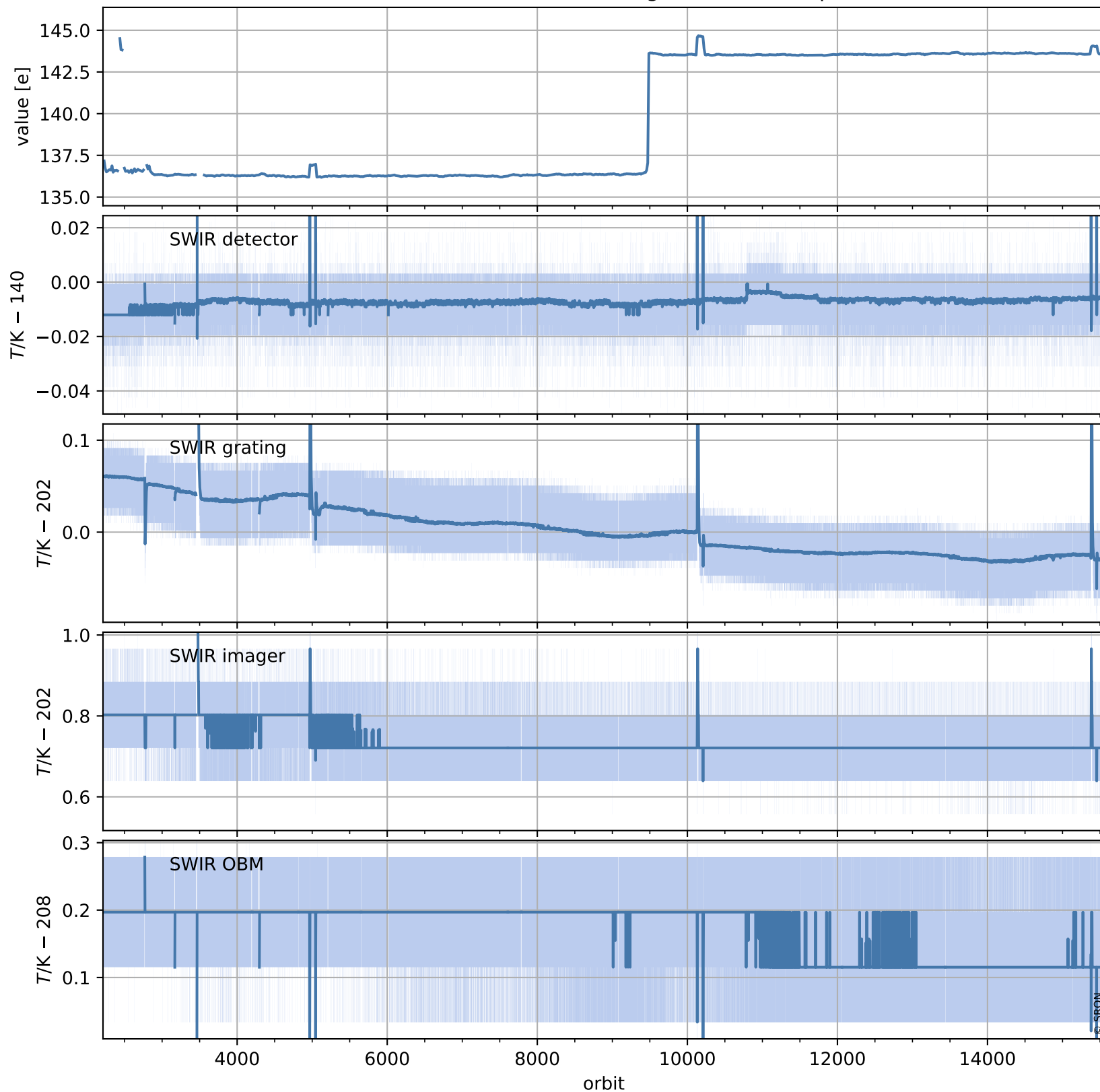
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15562]
coverage : 2018-03-18 / 2020-10-13
created : 2023-08-21T15:42:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15562]
coverage : 2018-03-18 / 2020-10-13
created : 2023-08-21T15:42:47

trend of normalized read-noise & temperatures

