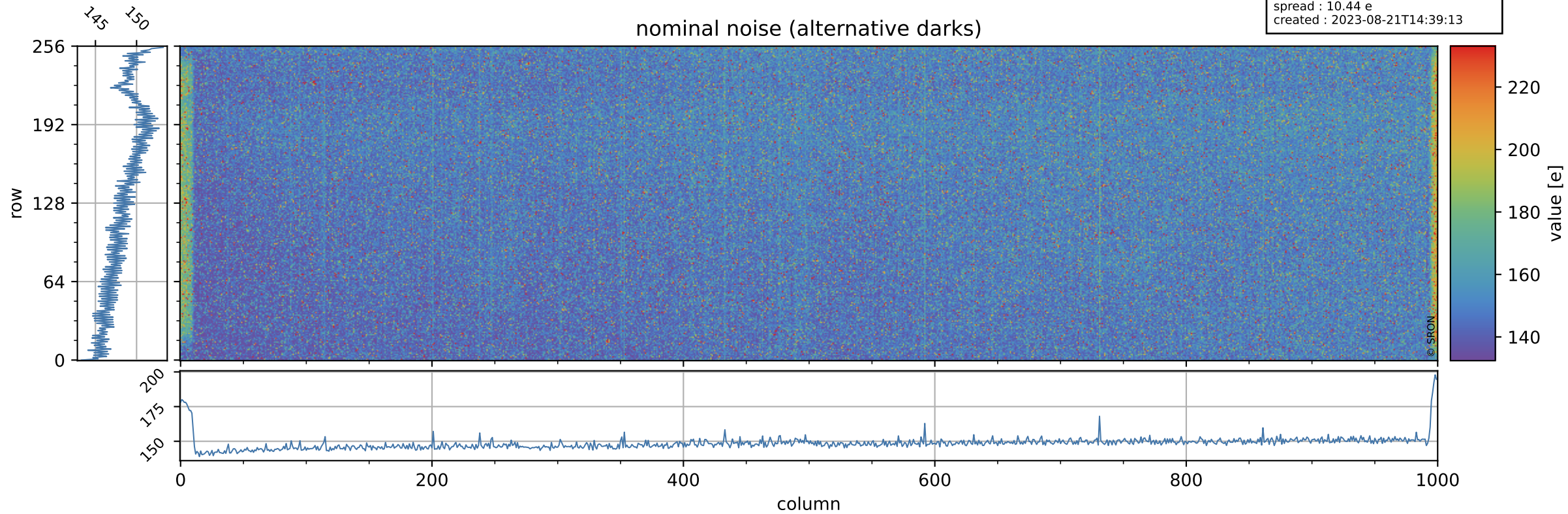


Tropomi SWIR background noise (swir)

orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.44 e
created : 2023-08-21T14:39:13

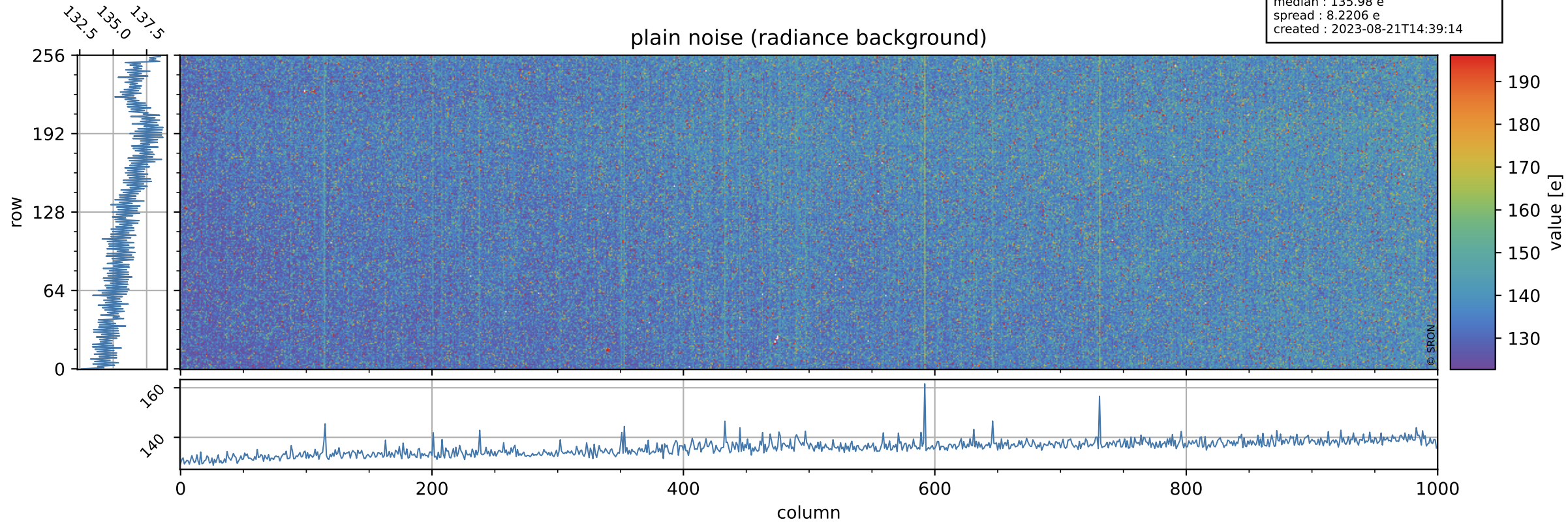
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.2206 e
created : 2023-08-21T14:39:14

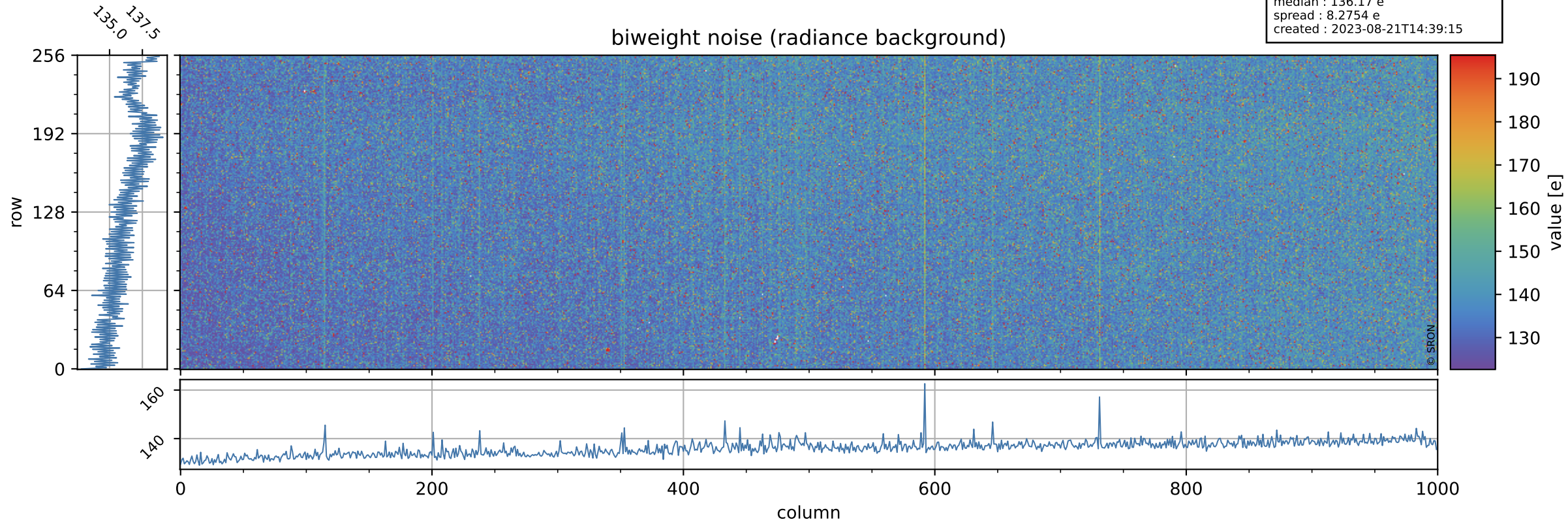
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2754 e
created : 2023-08-21T14:39:15

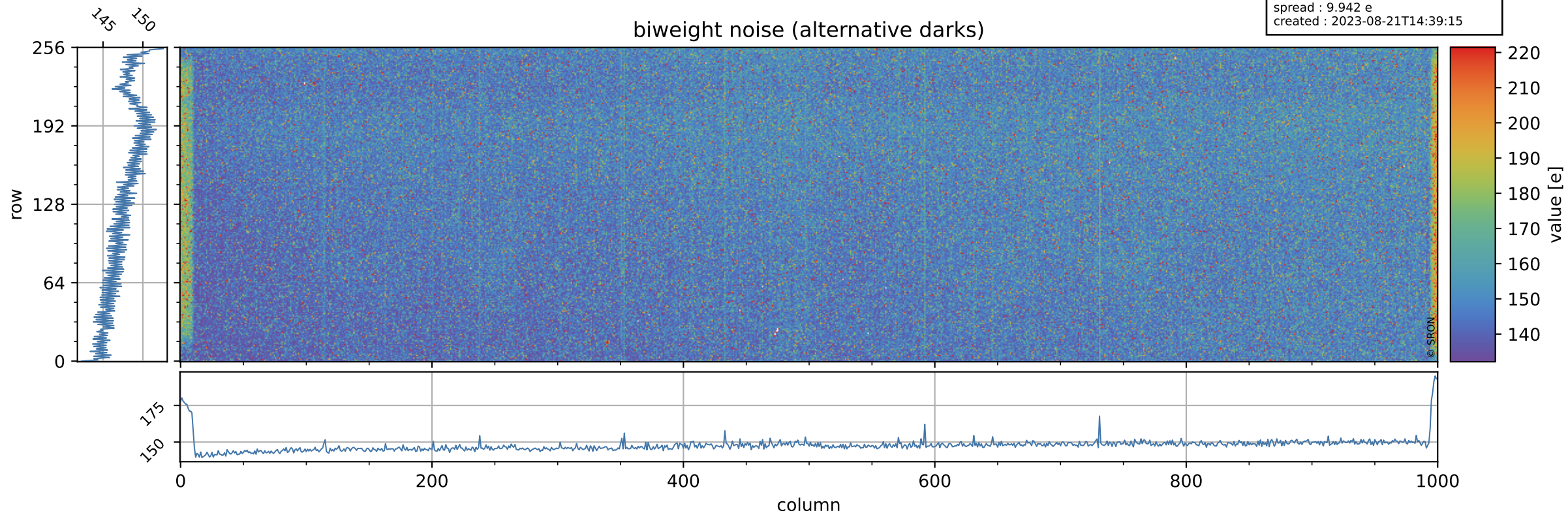
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.942 e
created : 2023-08-21T14:39:15

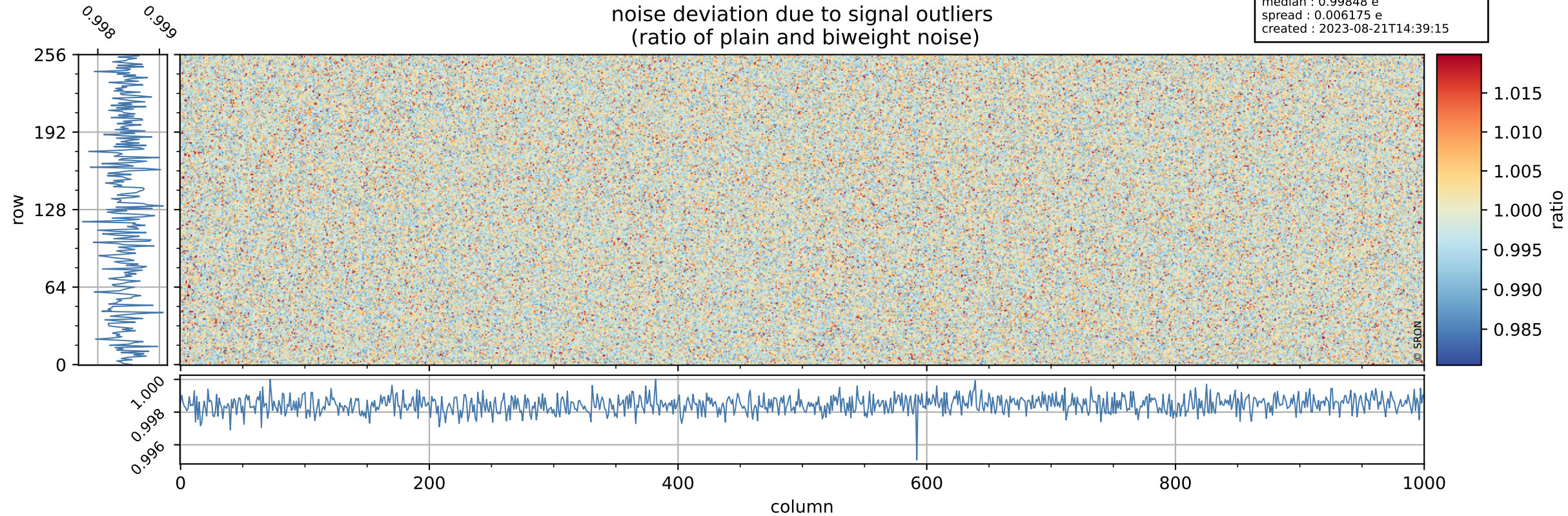
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

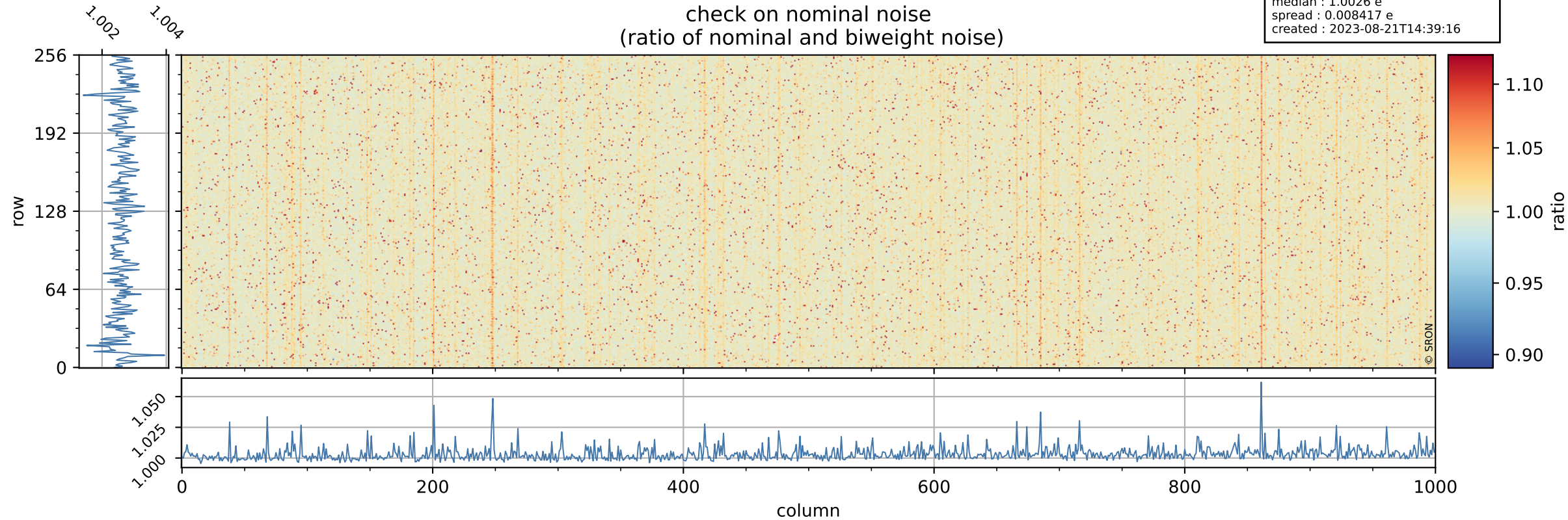
orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
median : 0.99848 e
spread : 0.006175 e
created : 2023-08-21T14:39:15



Tropomi SWIR background noise (swir)

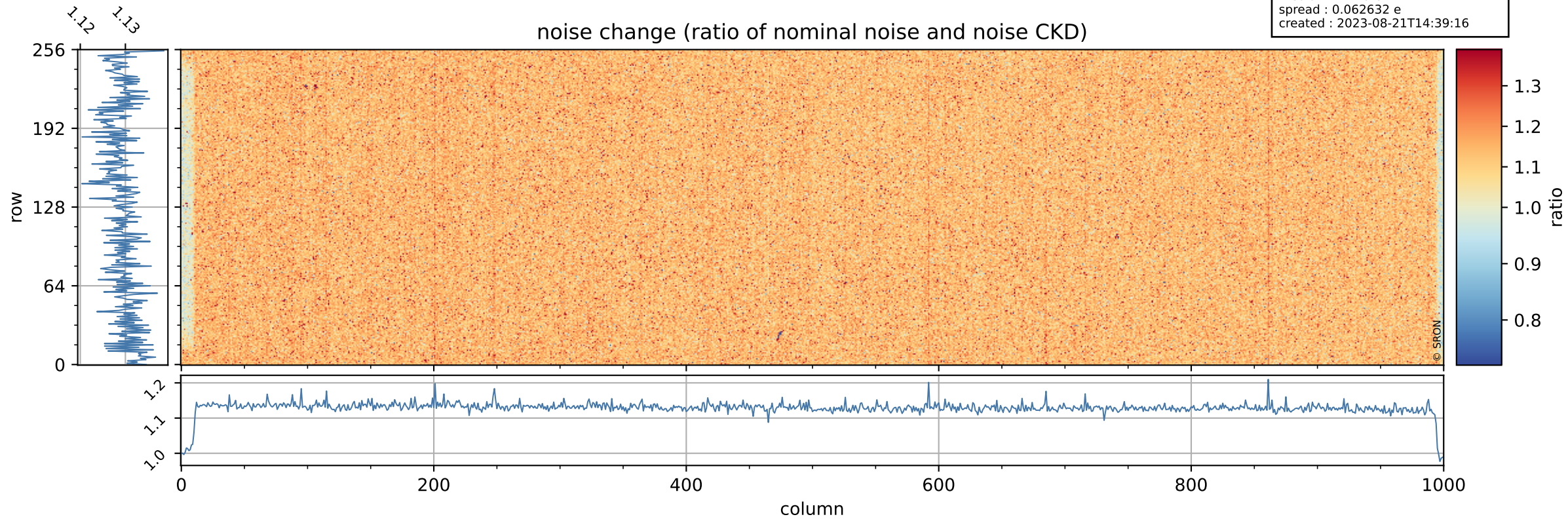
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
median : 1.0026 e
spread : 0.008417 e
created : 2023-08-21T14:39:16



Tropomi SWIR background noise (swir)

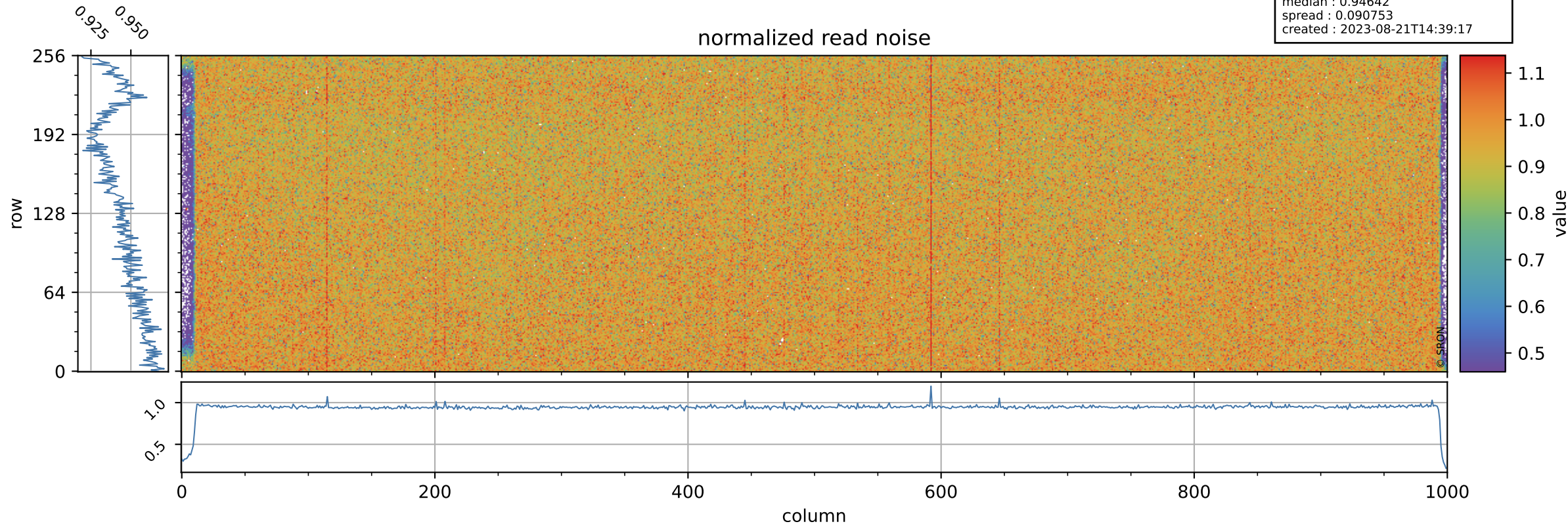
orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
median : 1.129 e
spread : 0.062632 e
created : 2023-08-21T14:39:16



Tropomi SWIR background noise (swir)

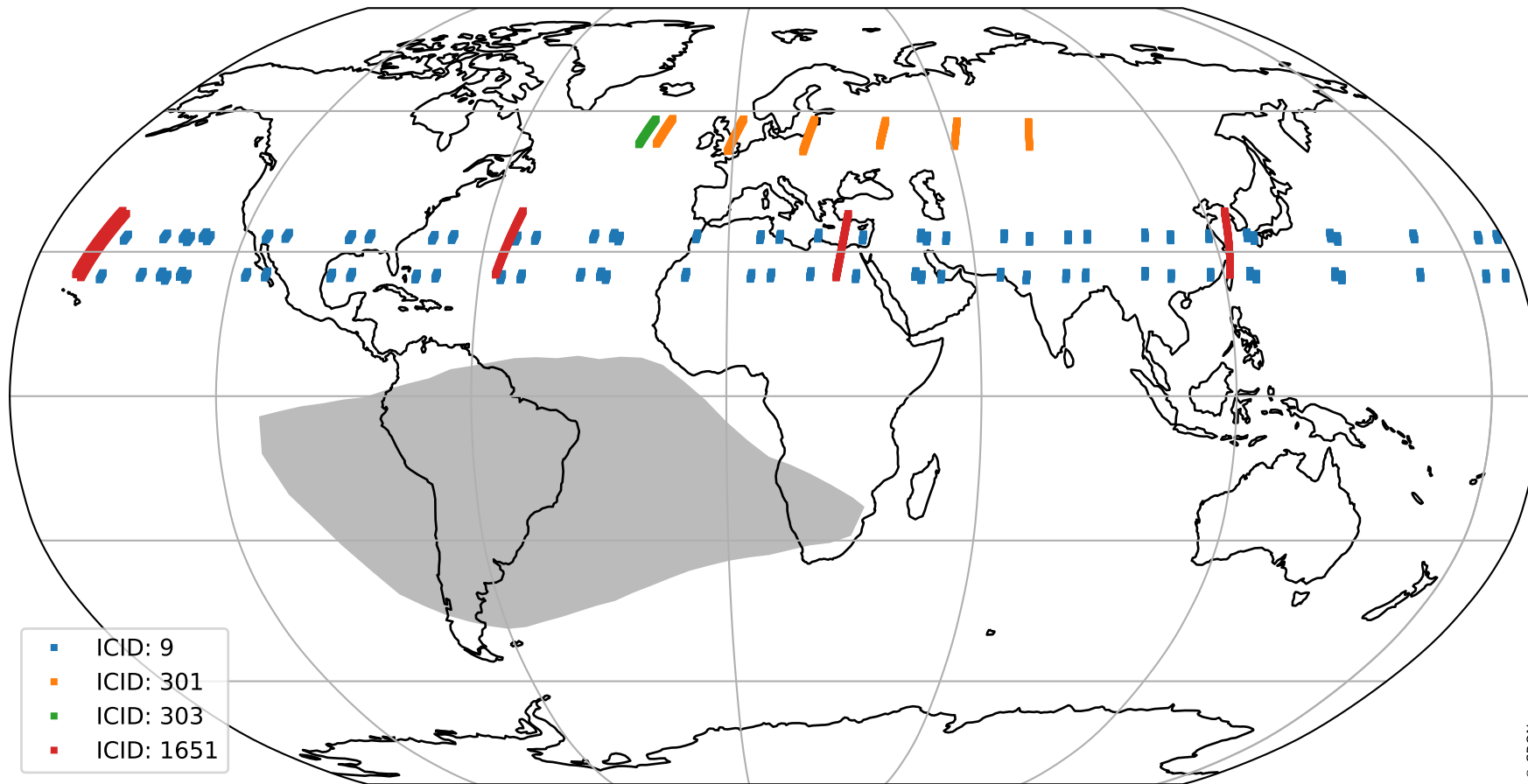
orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
median : 0.94642
spread : 0.090753
created : 2023-08-21T14:39:17

normalized read noise



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

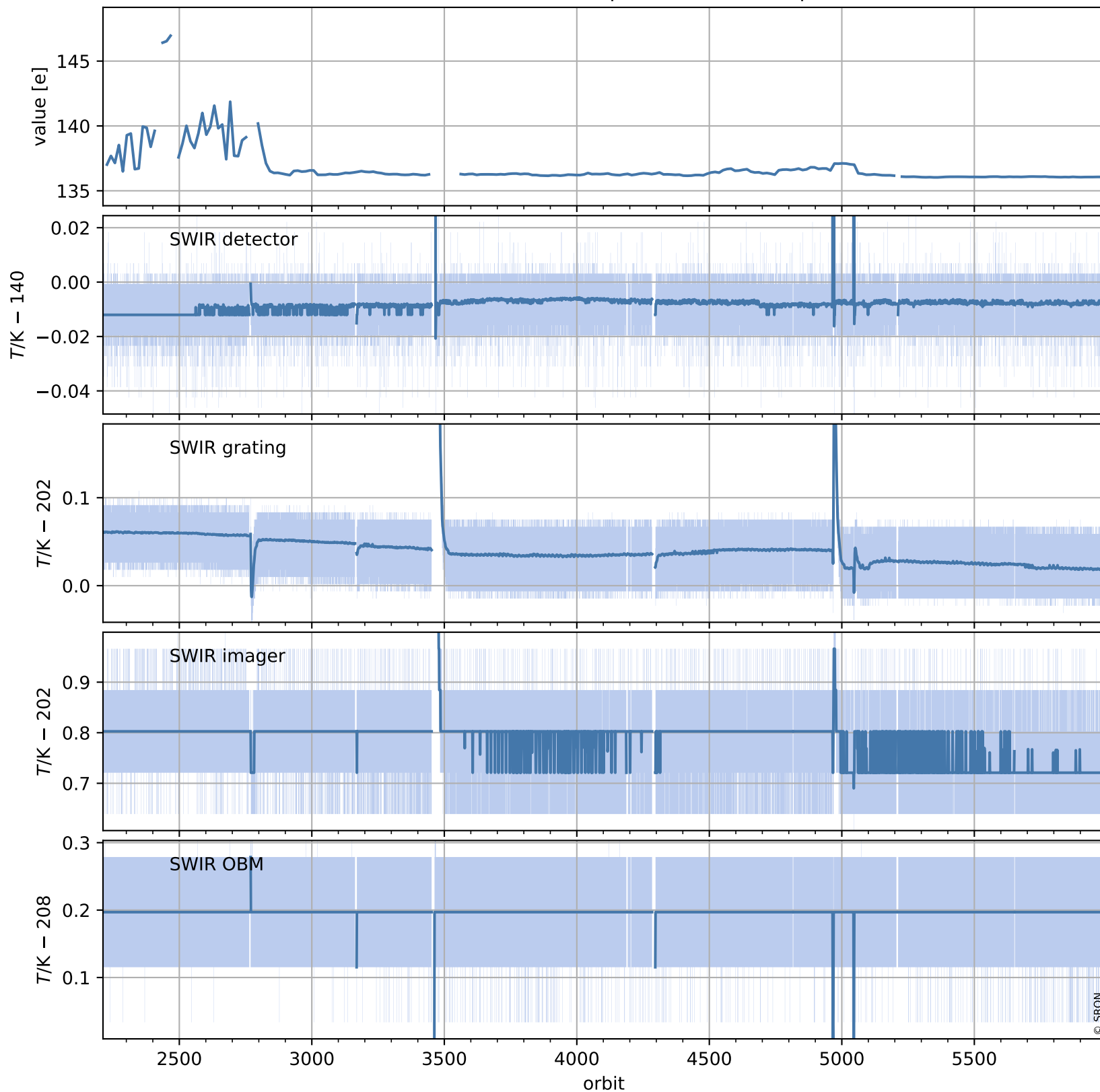
orbits : 12 in [5902, 5992]
coverage : 2018-12-03 / 2018-12-09
created : 2023-08-21T14:39:17



Tropomi SWIR background noise (swir)

orbits : [2212, 5992]
coverage : 2018-03-18 / 2018-12-09
created : 2023-08-21T14:39:17

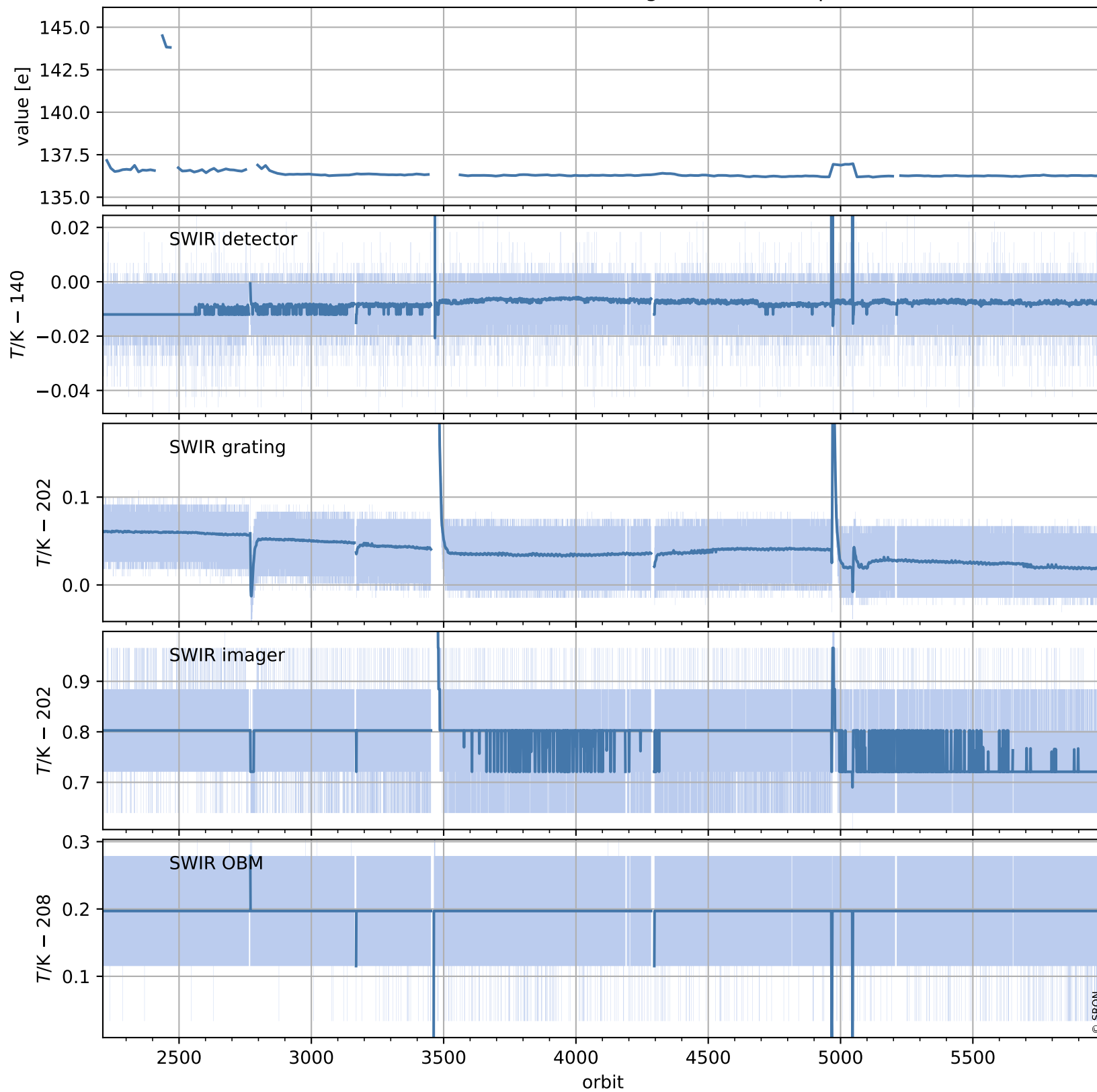
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5992]
coverage : 2018-03-18 / 2018-12-09
created : 2023-08-21T14:39:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5992]
coverage : 2018-03-18 / 2018-12-09
created : 2023-08-21T14:39:18

trend of normalized read-noise & temperatures

