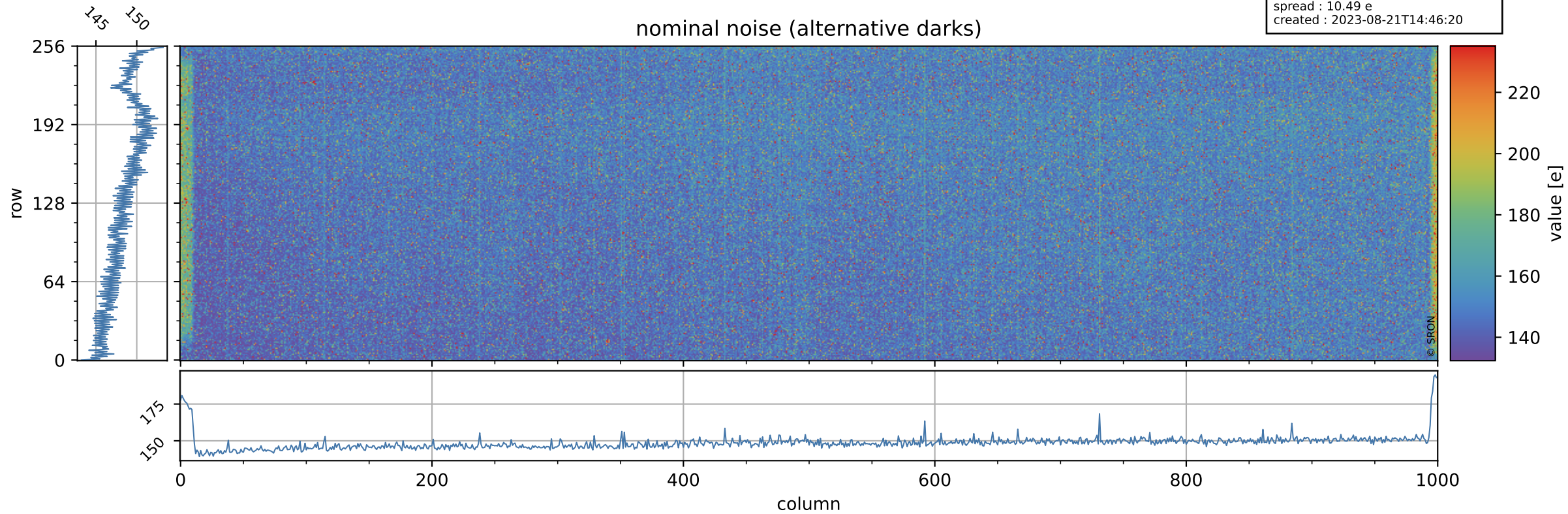


Tropomi SWIR background noise (swir)

orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.49 e
created : 2023-08-21T14:46:20

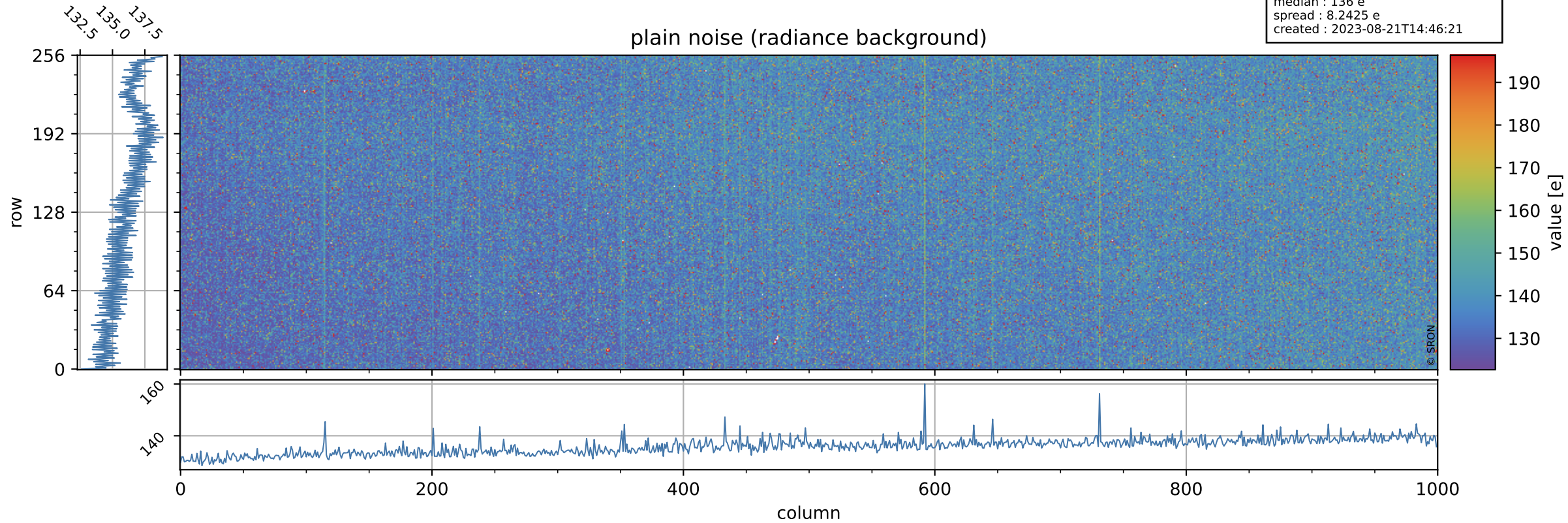
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2425 e
created : 2023-08-21T14:46:21

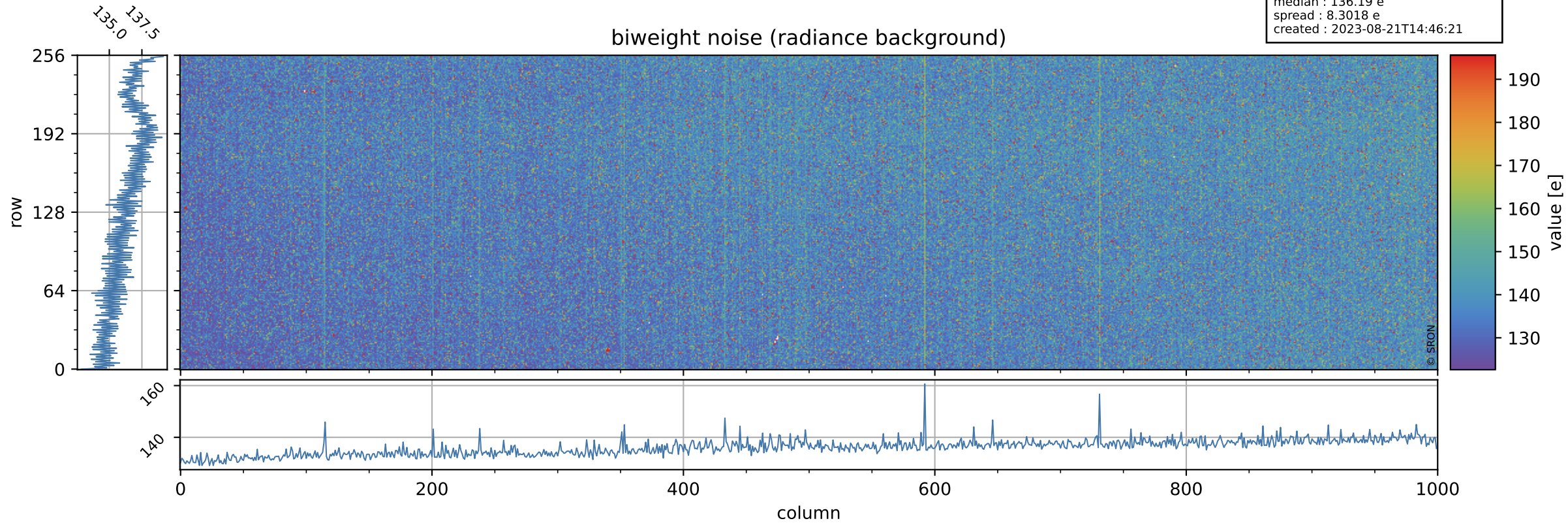
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.3018 e
created : 2023-08-21T14:46:21

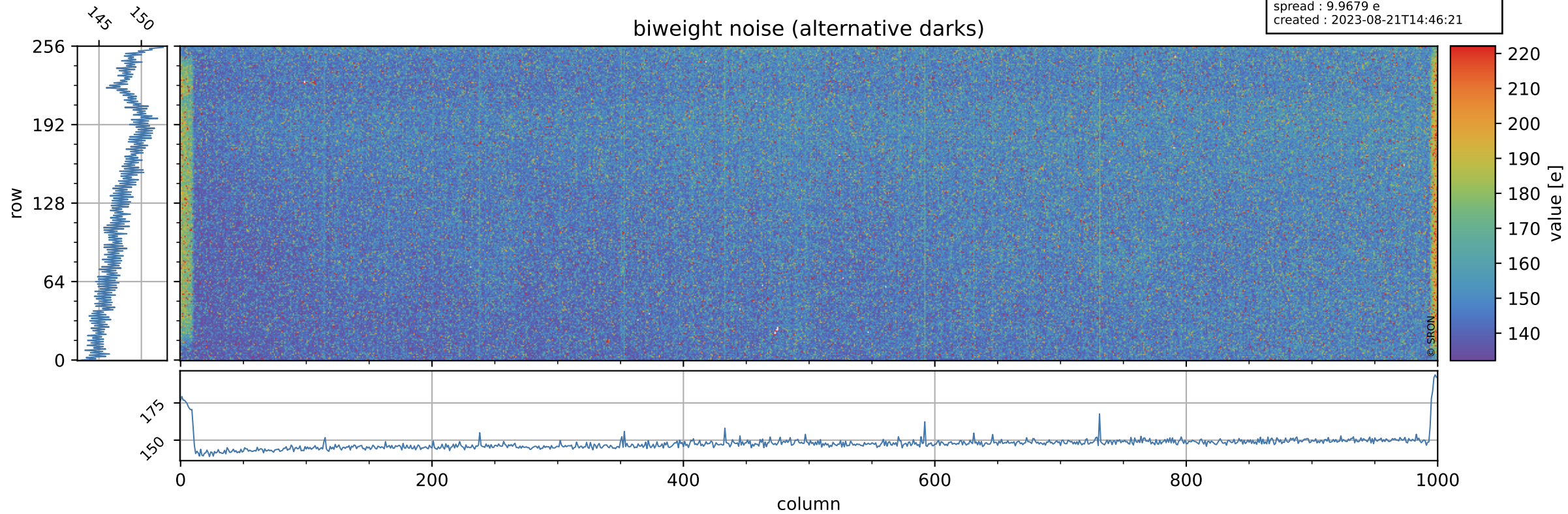
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9679 e
created : 2023-08-21T14:46:21

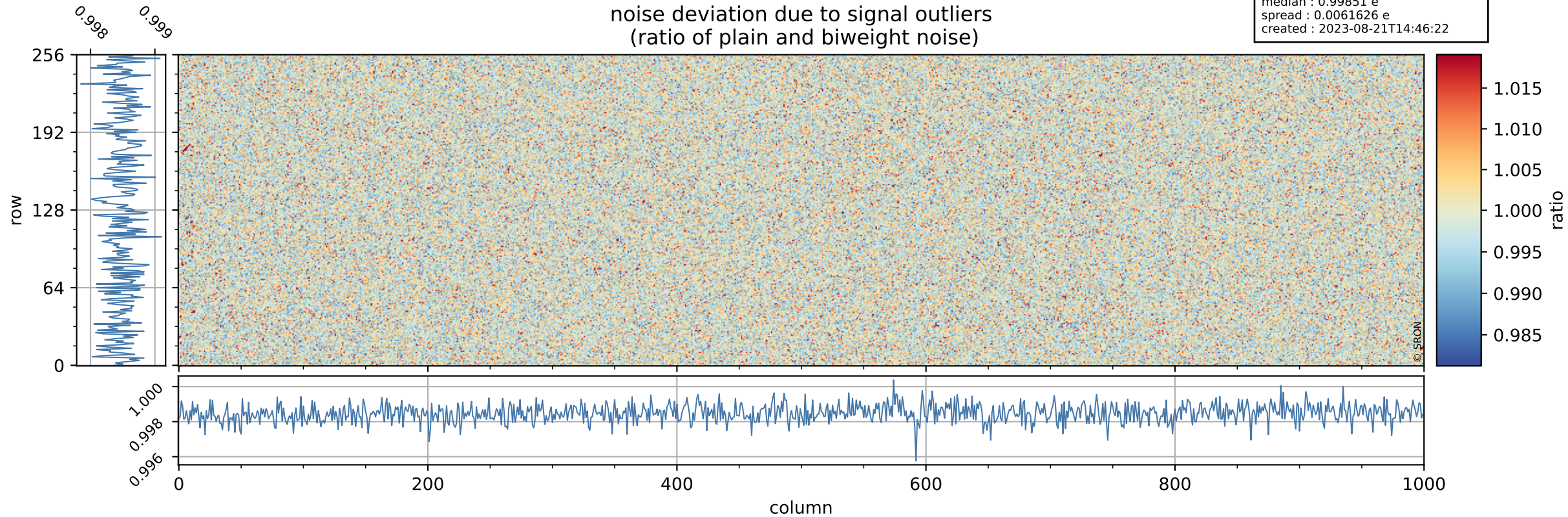
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

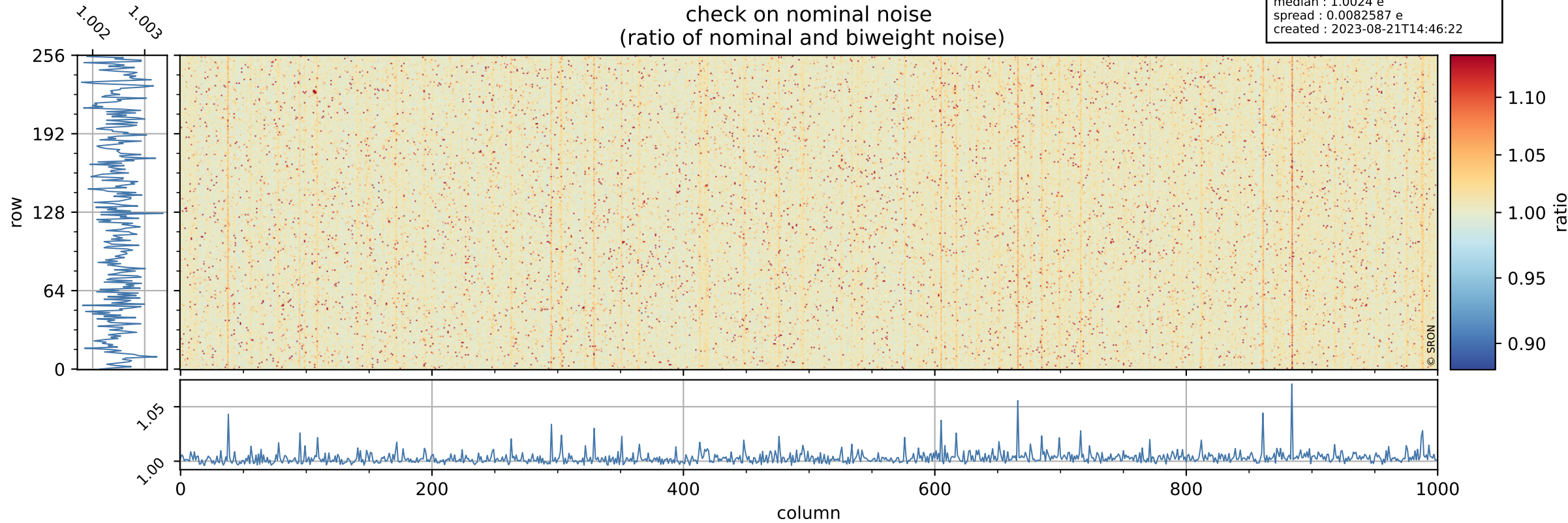
orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
median : 0.99851 e
spread : 0.0061626 e
created : 2023-08-21T14:46:22



Tropomi SWIR background noise (swir)

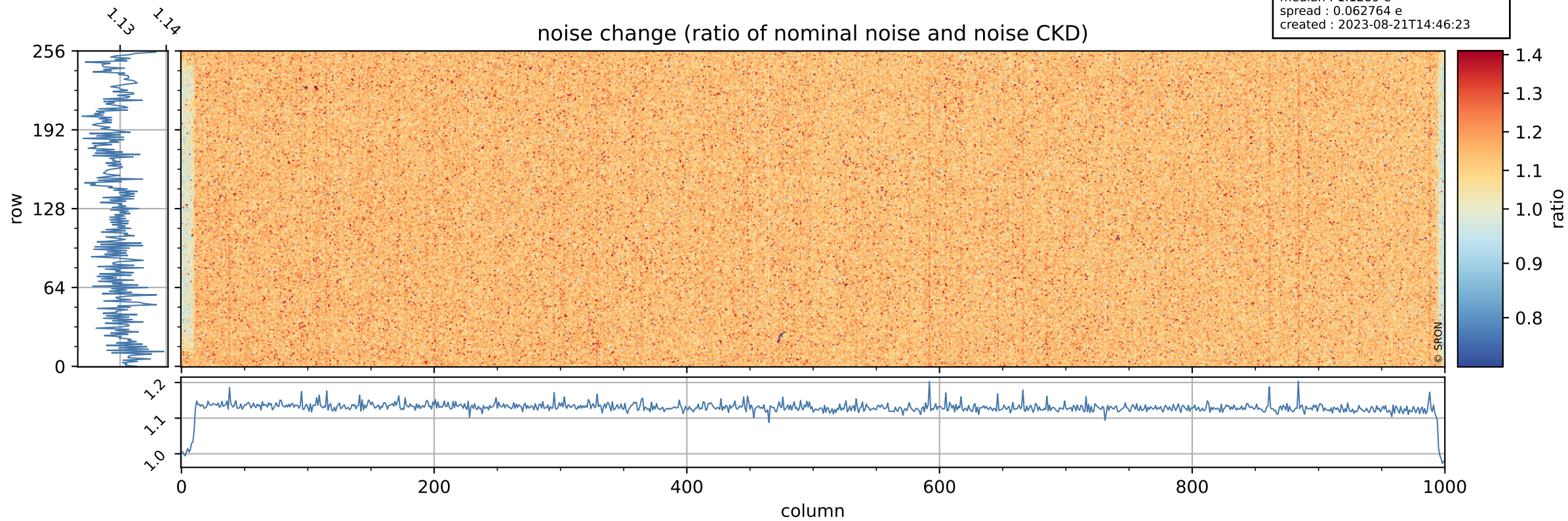
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
median : 1.0024 e
spread : 0.0082587 e
created : 2023-08-21T14:46:22



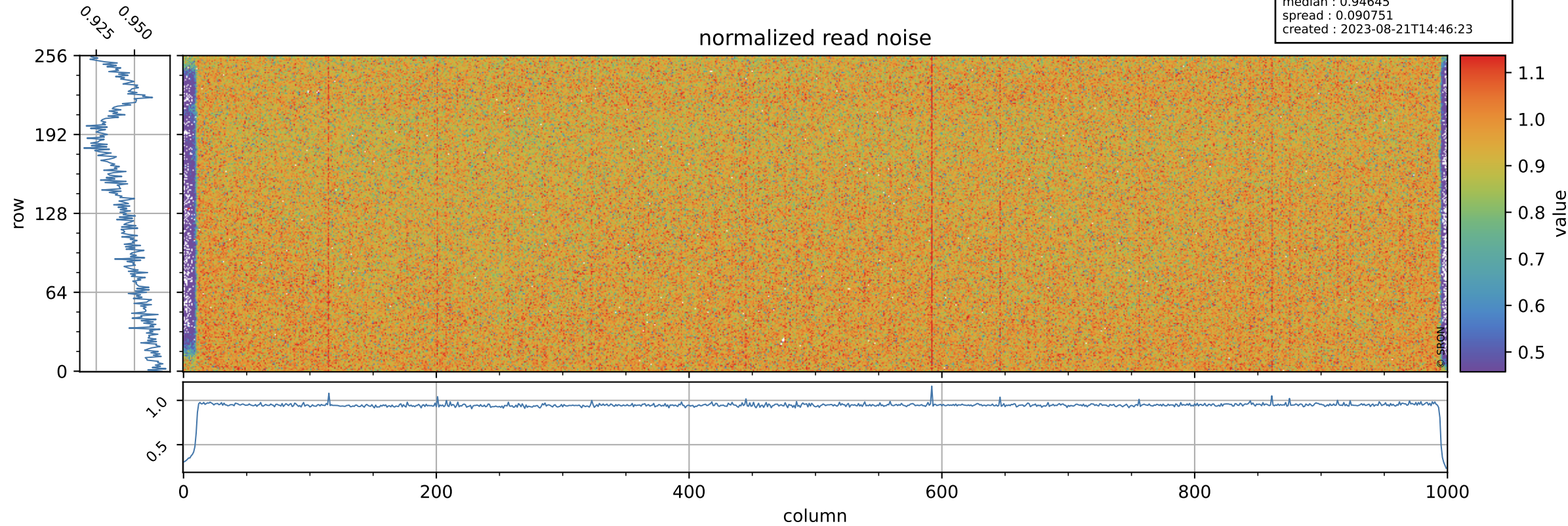
Tropomi SWIR background noise (swir)

orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
median : 1.1289 e
spread : 0.062764 e
created : 2023-08-21T14:46:23



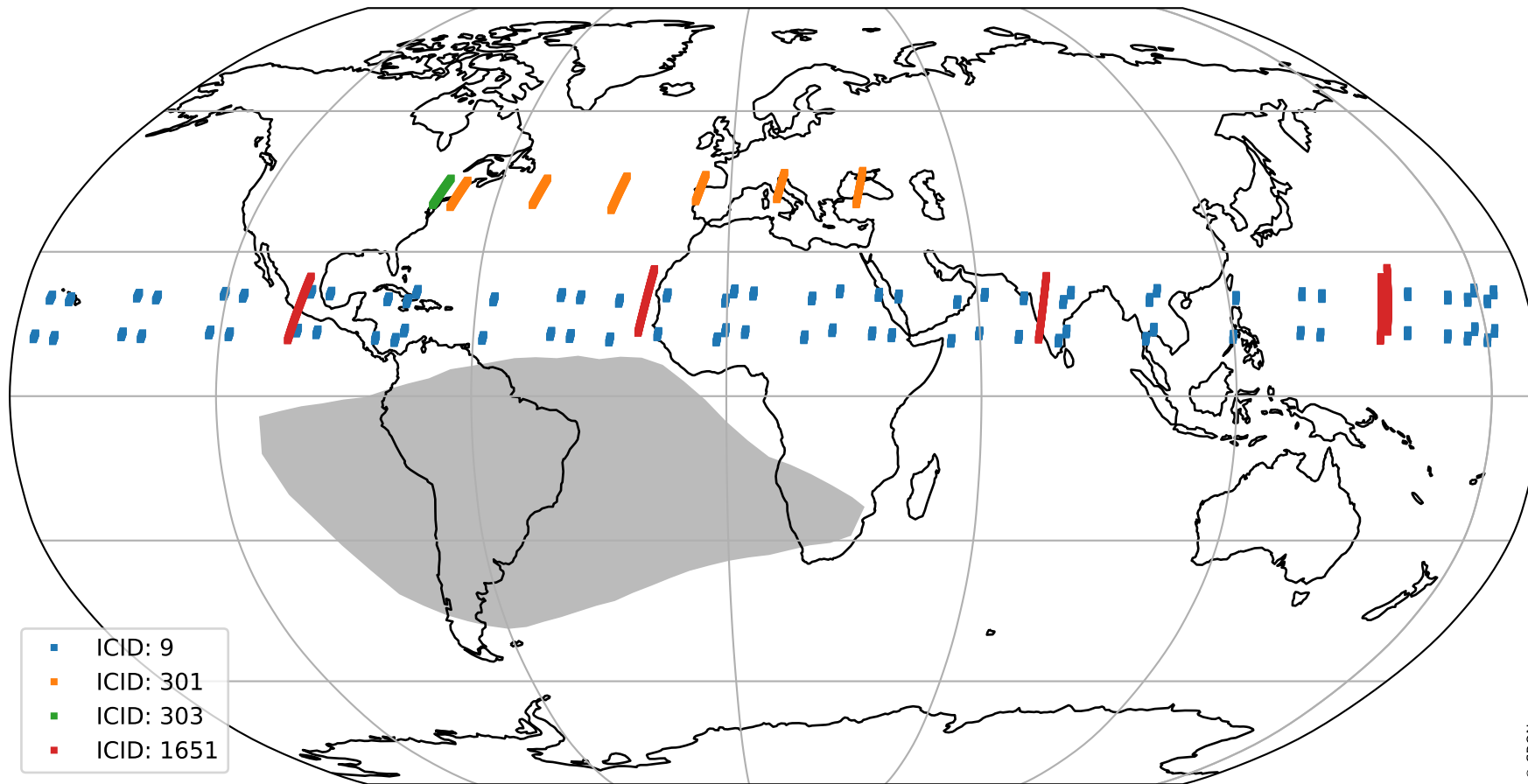
Tropomi SWIR background noise (swir)

orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
median : 0.94645
spread : 0.090751
created : 2023-08-21T14:46:23



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

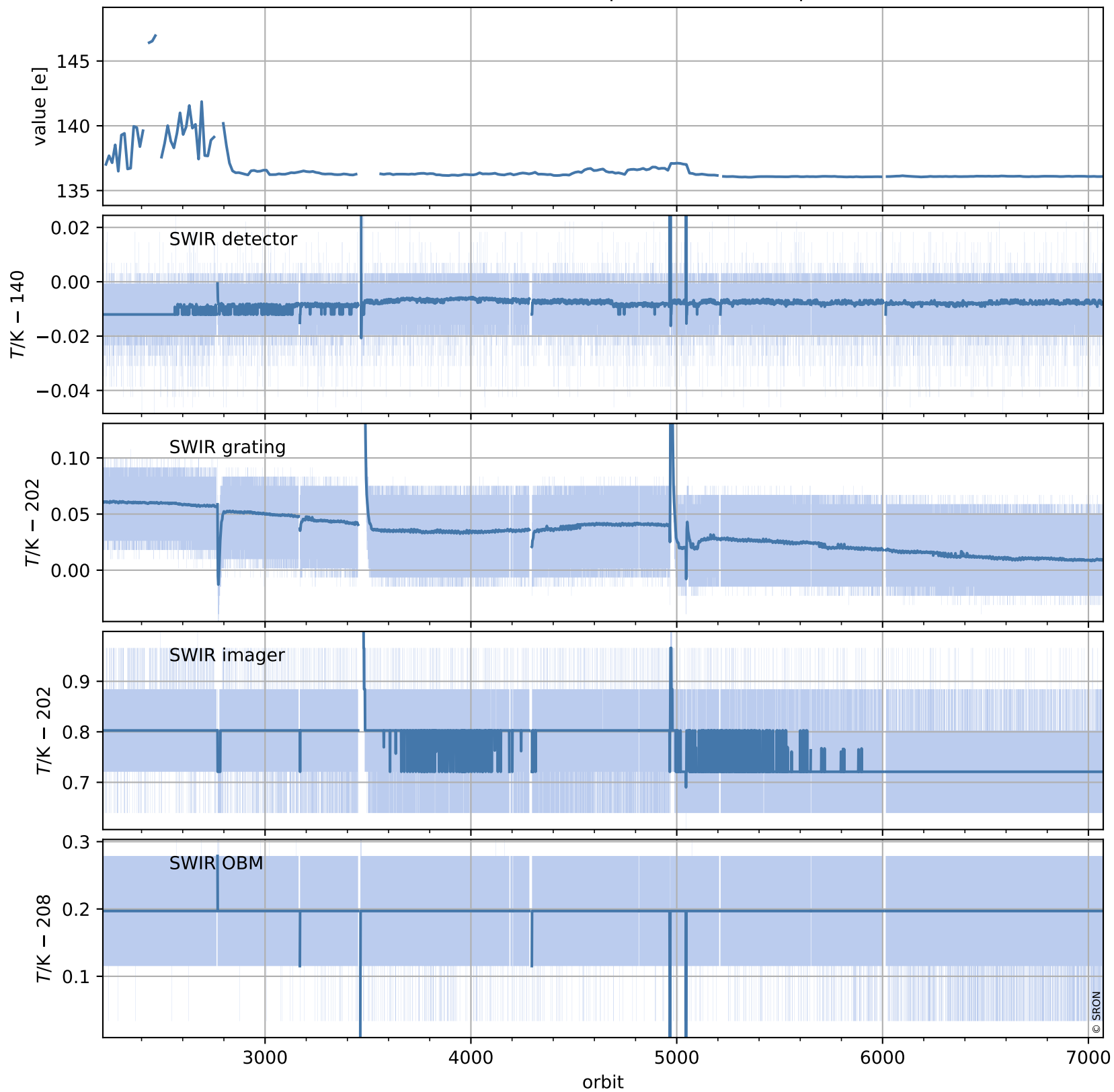
orbits : 12 in [6982, 7072]
coverage : 2019-02-17 / 2019-02-23
created : 2023-08-21T14:46:23



Tropomi SWIR background noise (swir)

orbits : [2212, 7072]
coverage : 2018-03-18 / 2019-02-23
created : 2023-08-21T14:46:24

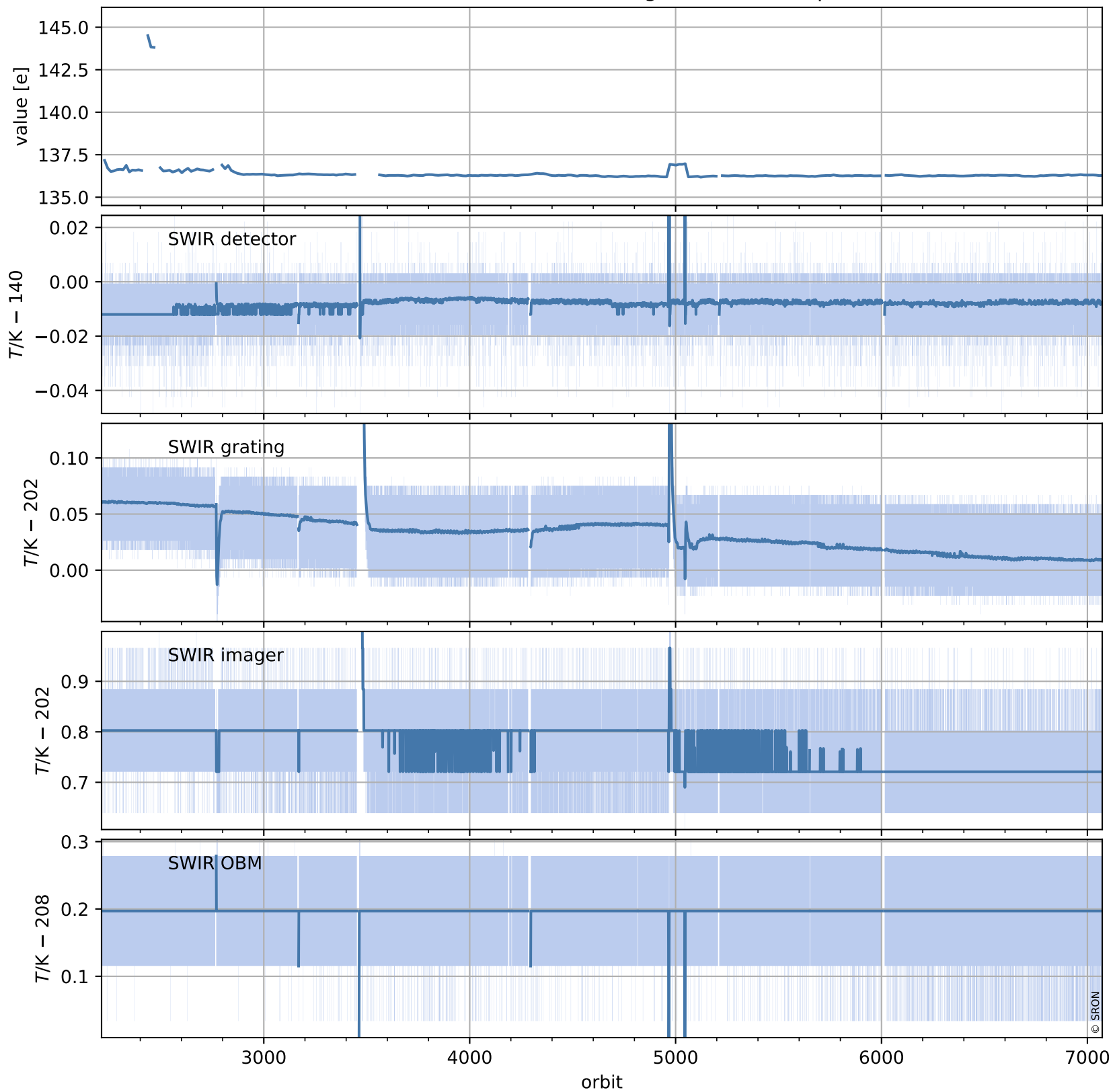
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7072]
coverage : 2018-03-18 / 2019-02-23
created : 2023-08-21T14:46:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7072]
coverage : 2018-03-18 / 2019-02-23
created : 2023-08-21T14:46:25

trend of normalized read-noise & temperatures

