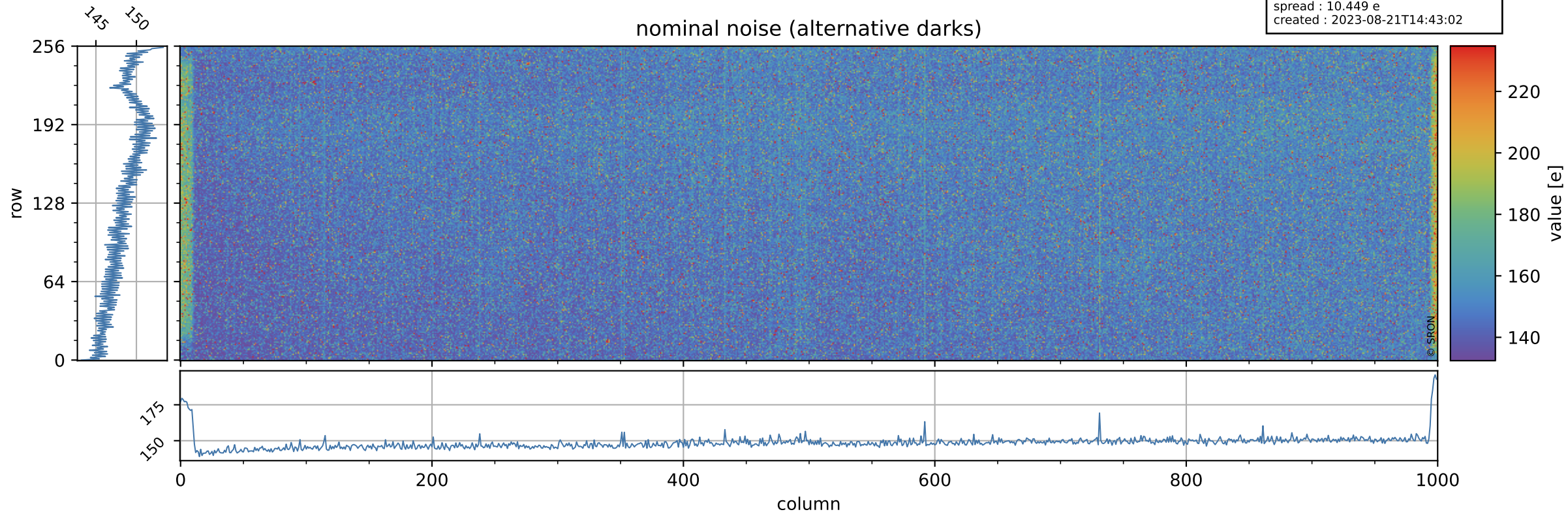


Tropomi SWIR background noise (swir)

orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.449 e
created : 2023-08-21T14:43:02

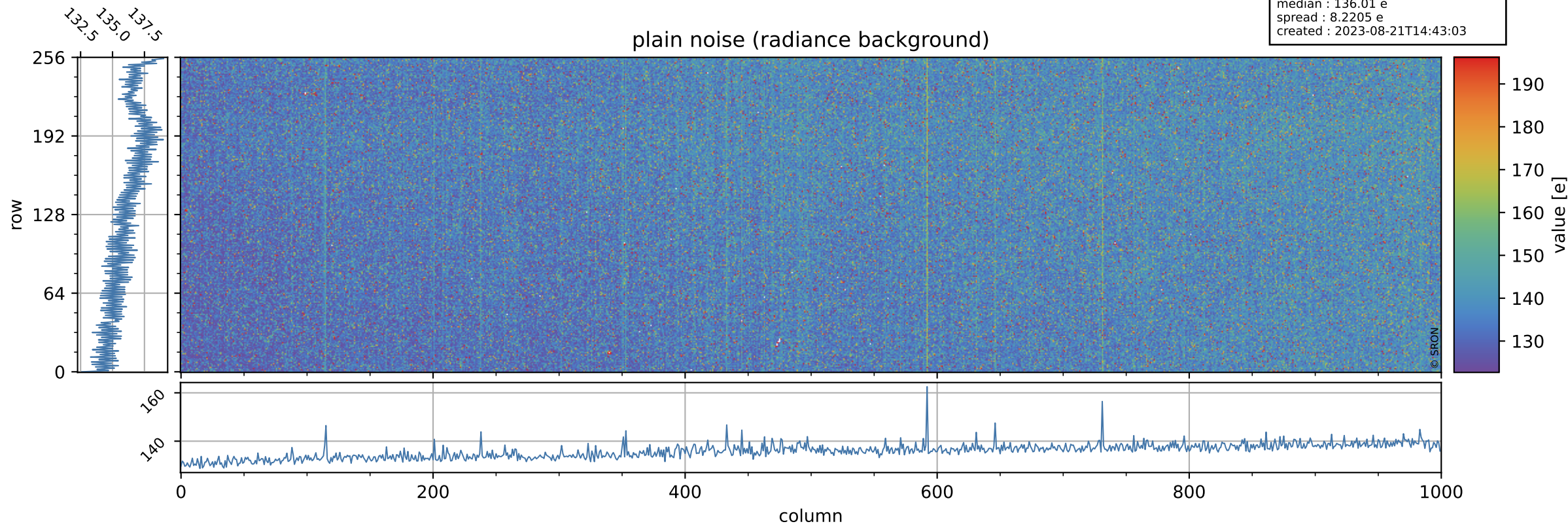
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2205 e
created : 2023-08-21T14:43:03

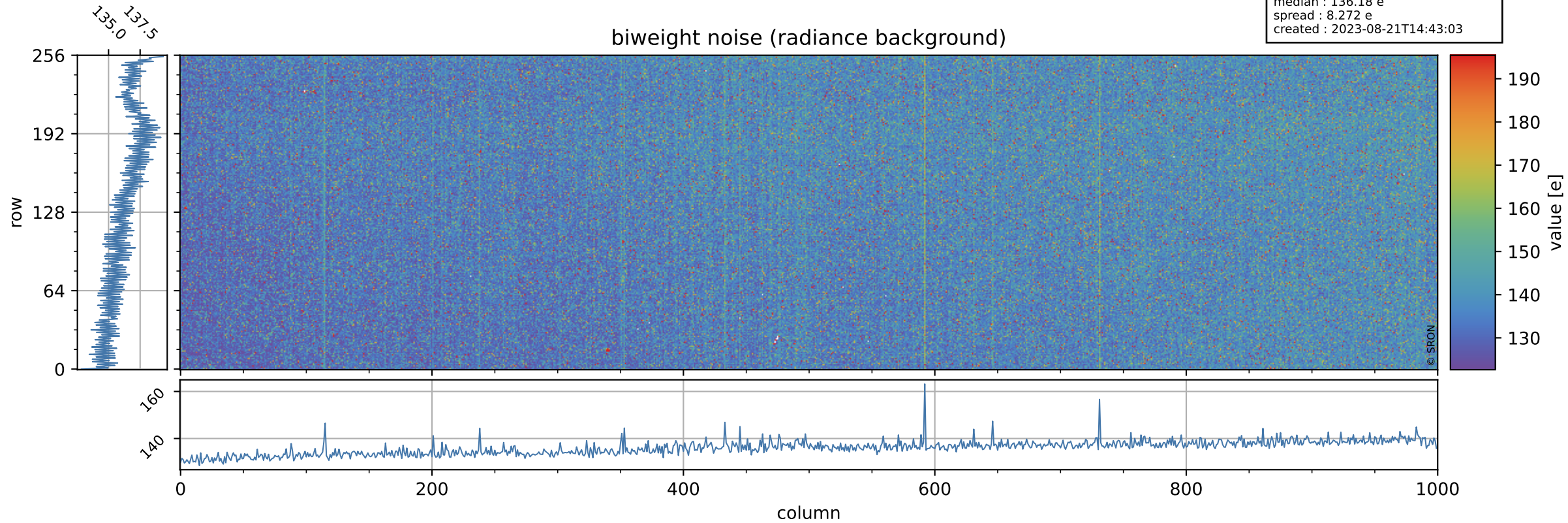
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.272 e
created : 2023-08-21T14:43:03

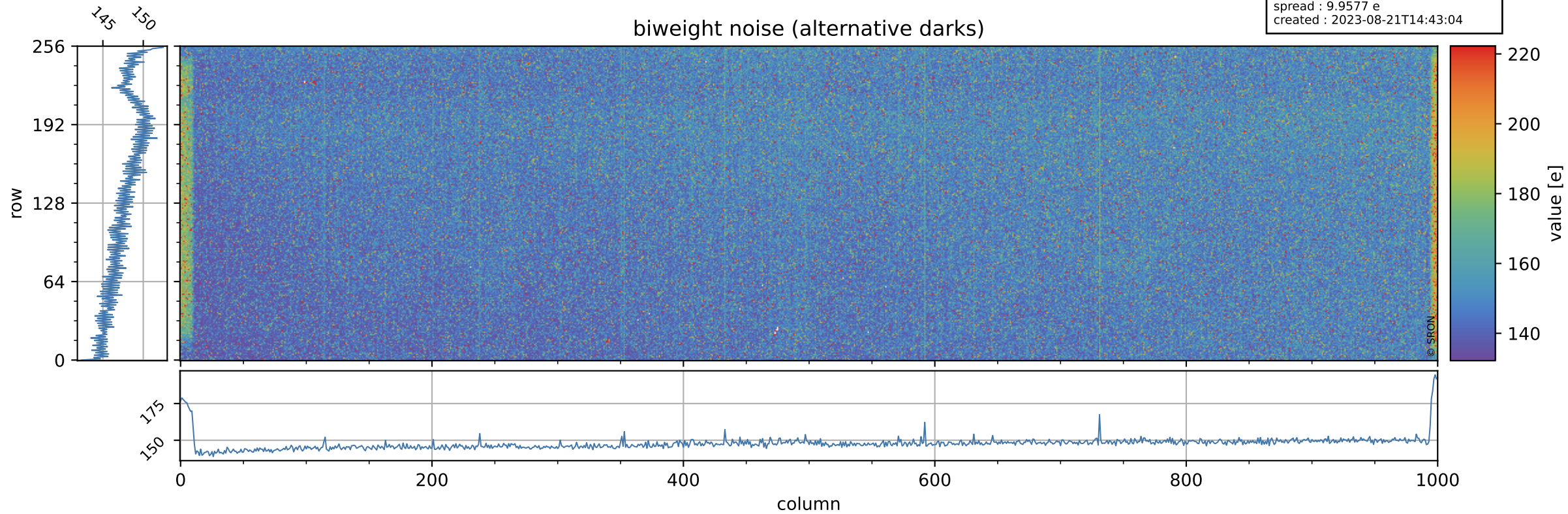
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9577 e
created : 2023-08-21T14:43:04

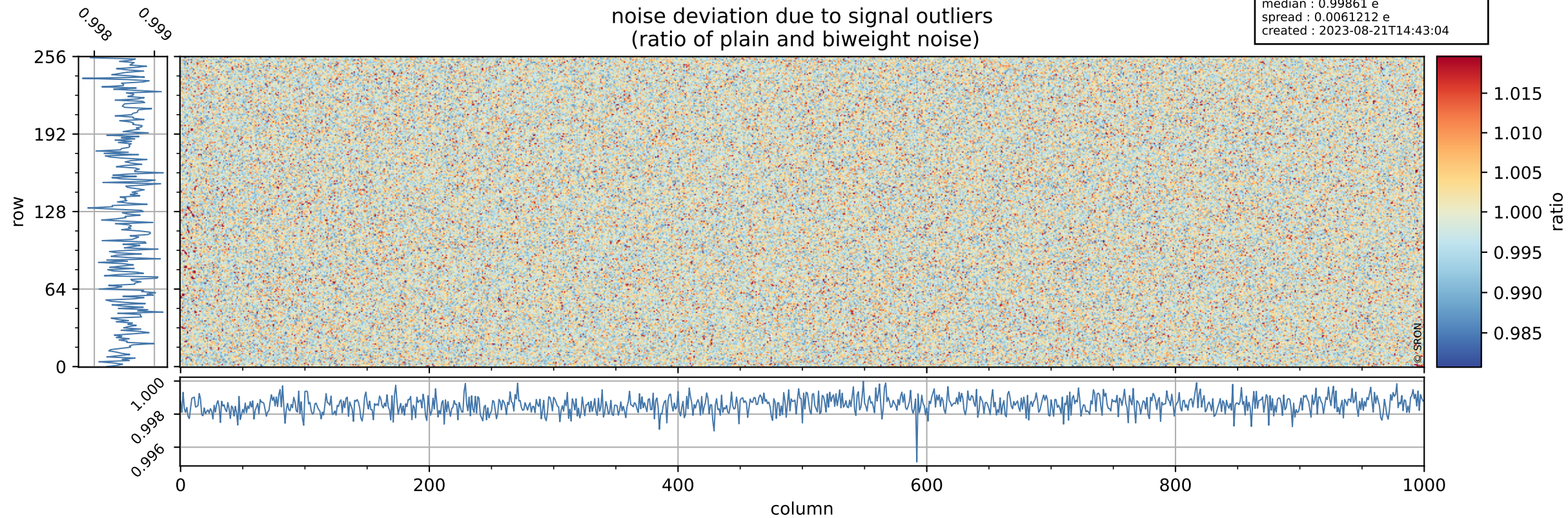
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

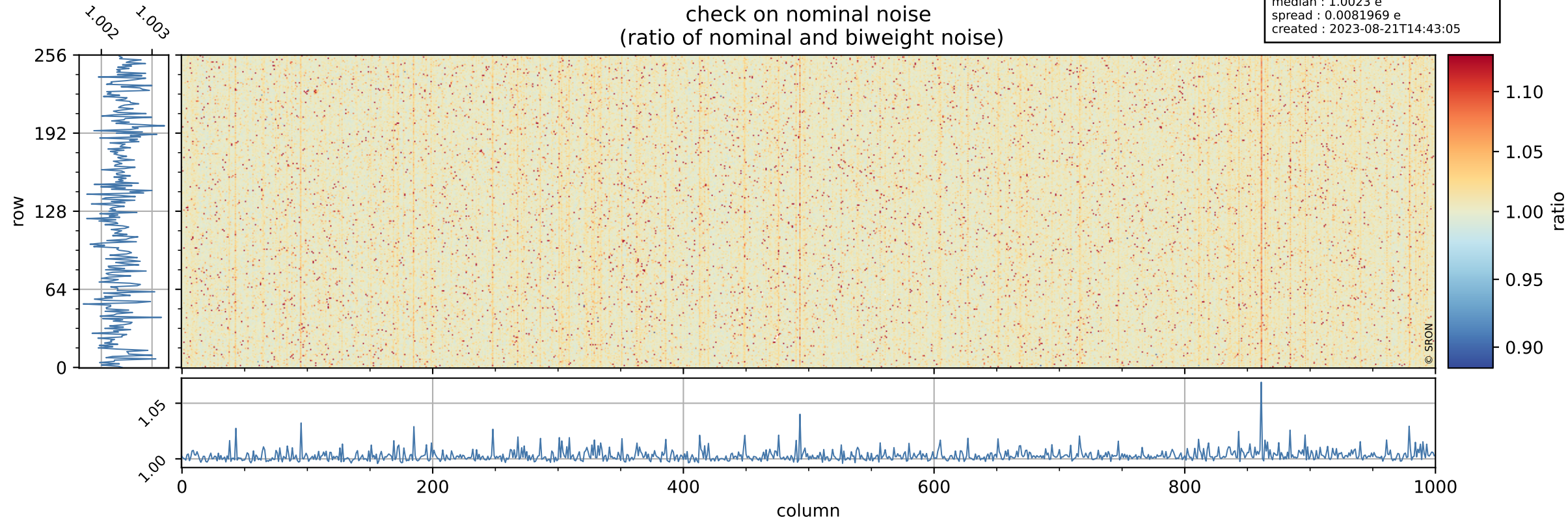
orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
median : 0.99861 e
spread : 0.0061212 e
created : 2023-08-21T14:43:04



Tropomi SWIR background noise (swir)

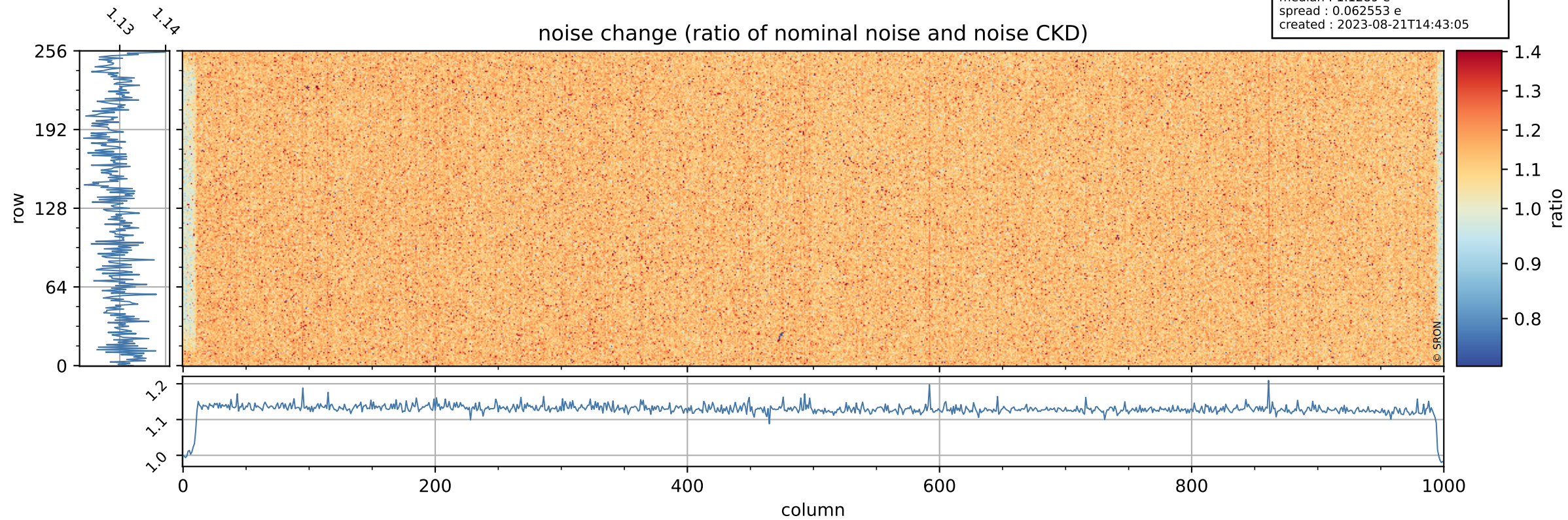
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
median : 1.0023 e
spread : 0.0081969 e
created : 2023-08-21T14:43:05



Tropomi SWIR background noise (swir)

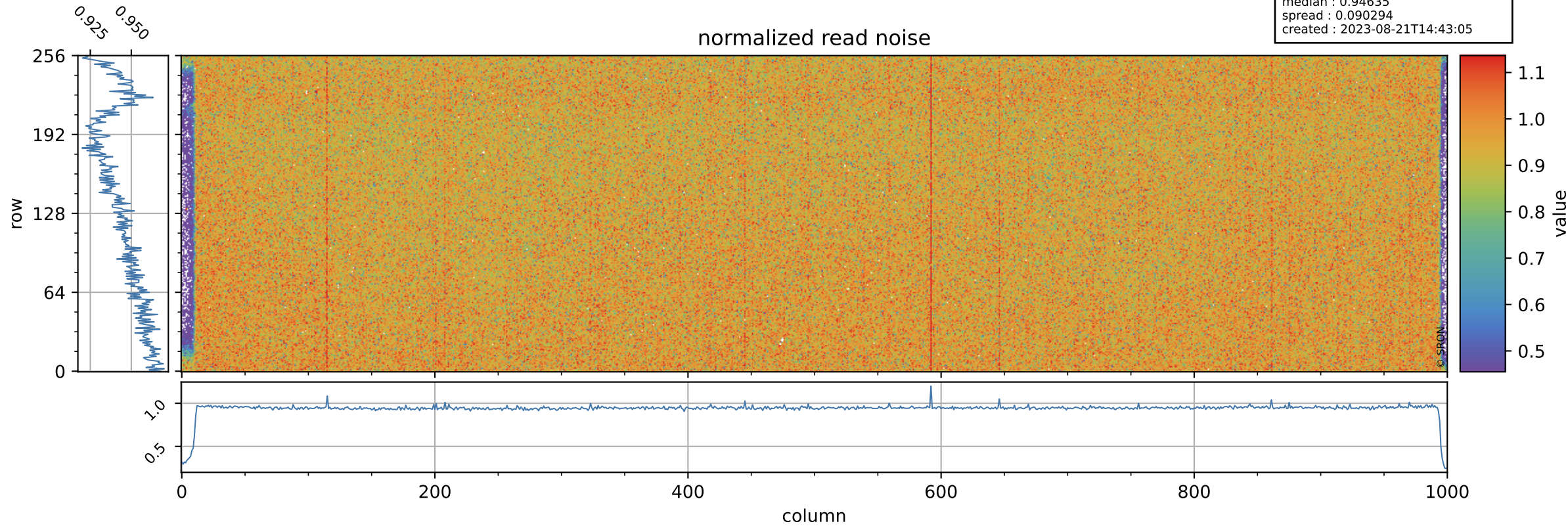
orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
median : 1.1289 e
spread : 0.062553 e
created : 2023-08-21T14:43:05



Tropomi SWIR background noise (swir)

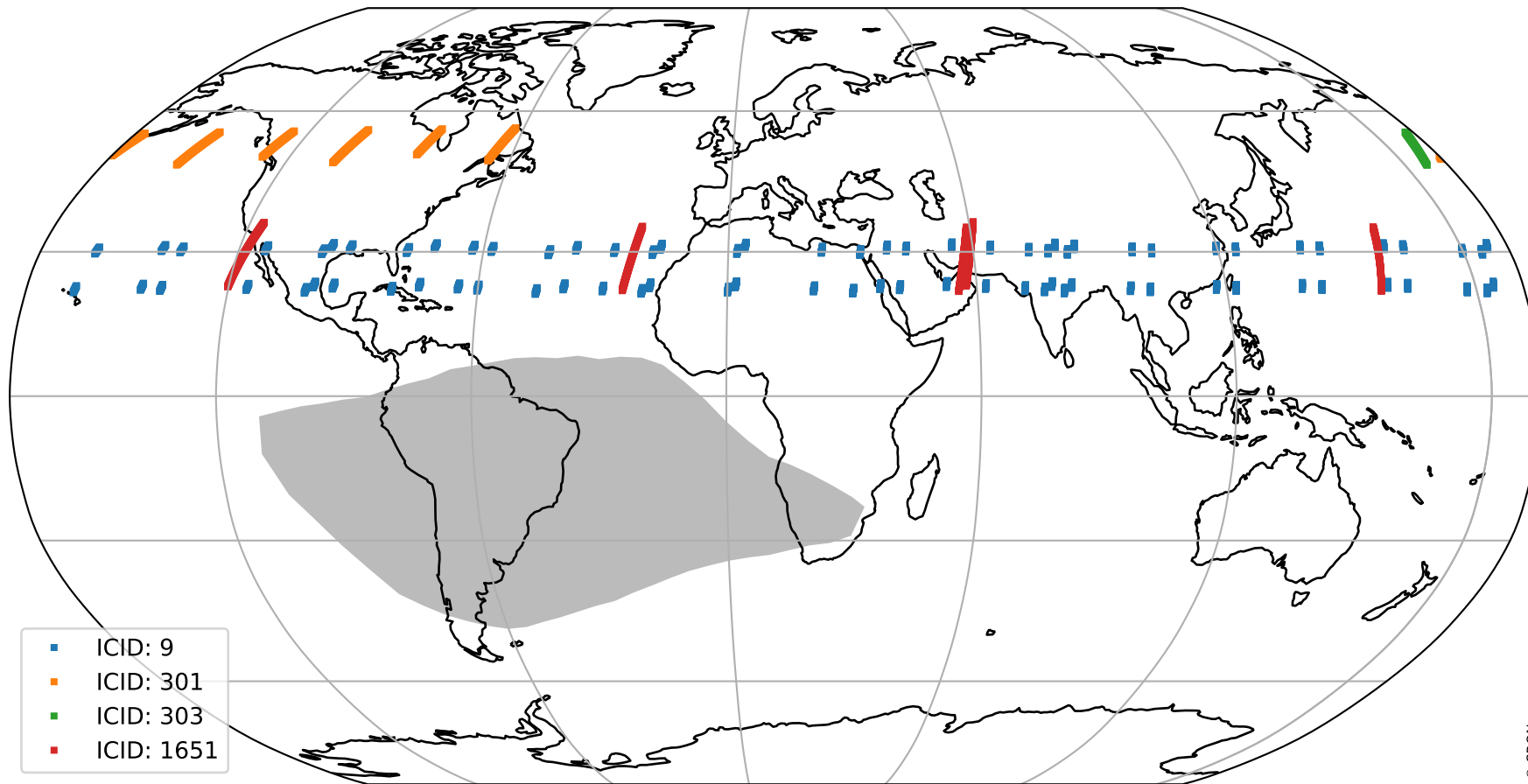
orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
median : 0.94635
spread : 0.090294
created : 2023-08-21T14:43:05

normalized read noise



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

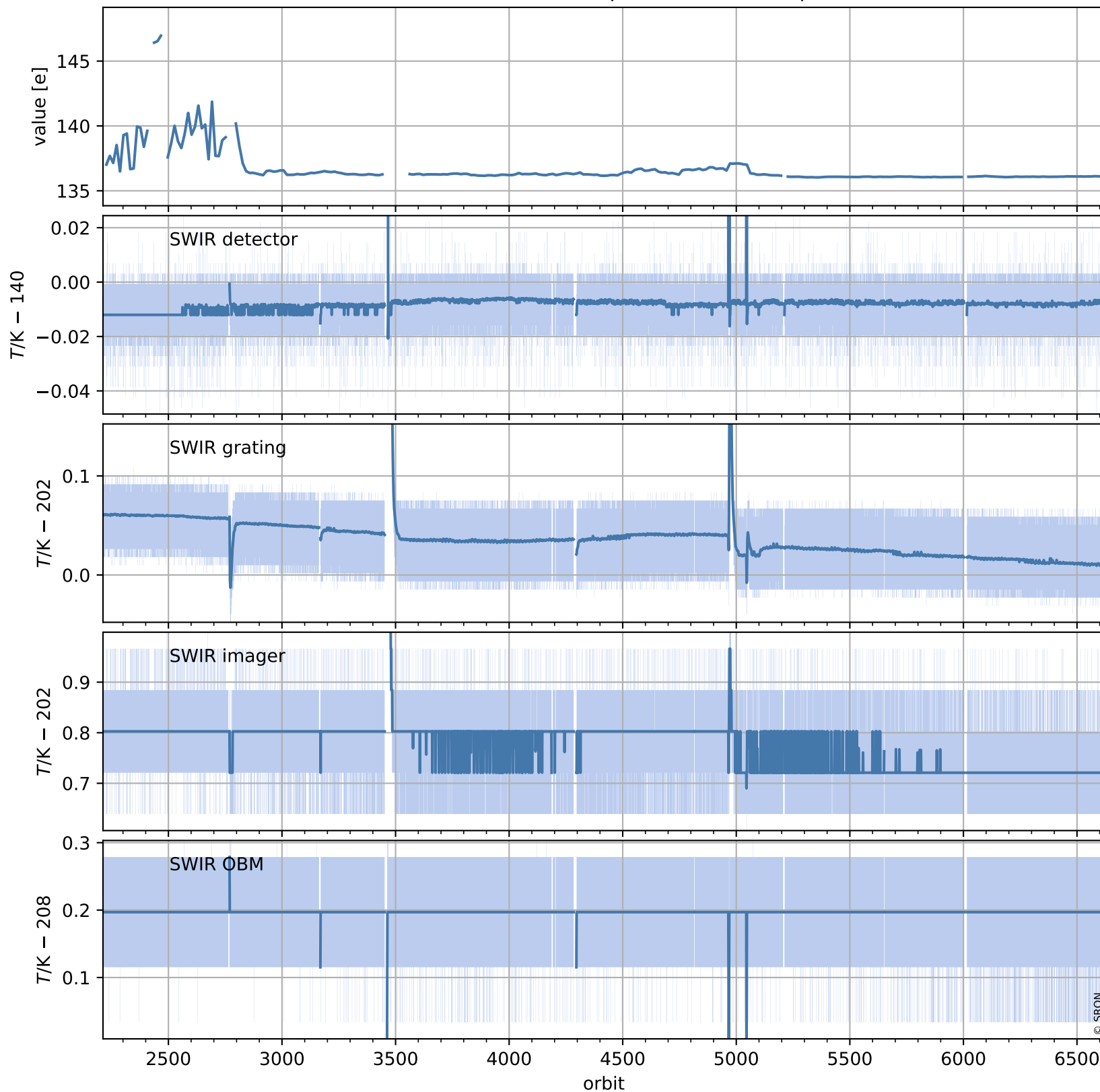
orbits : 12 in [6532, 6622]
coverage : 2019-01-17 / 2019-01-22
created : 2023-08-21T14:43:06



Tropomi SWIR background noise (swir)

orbits : [2212, 6622]
coverage : 2018-03-18 / 2019-01-22
created : 2023-08-21T14:43:06

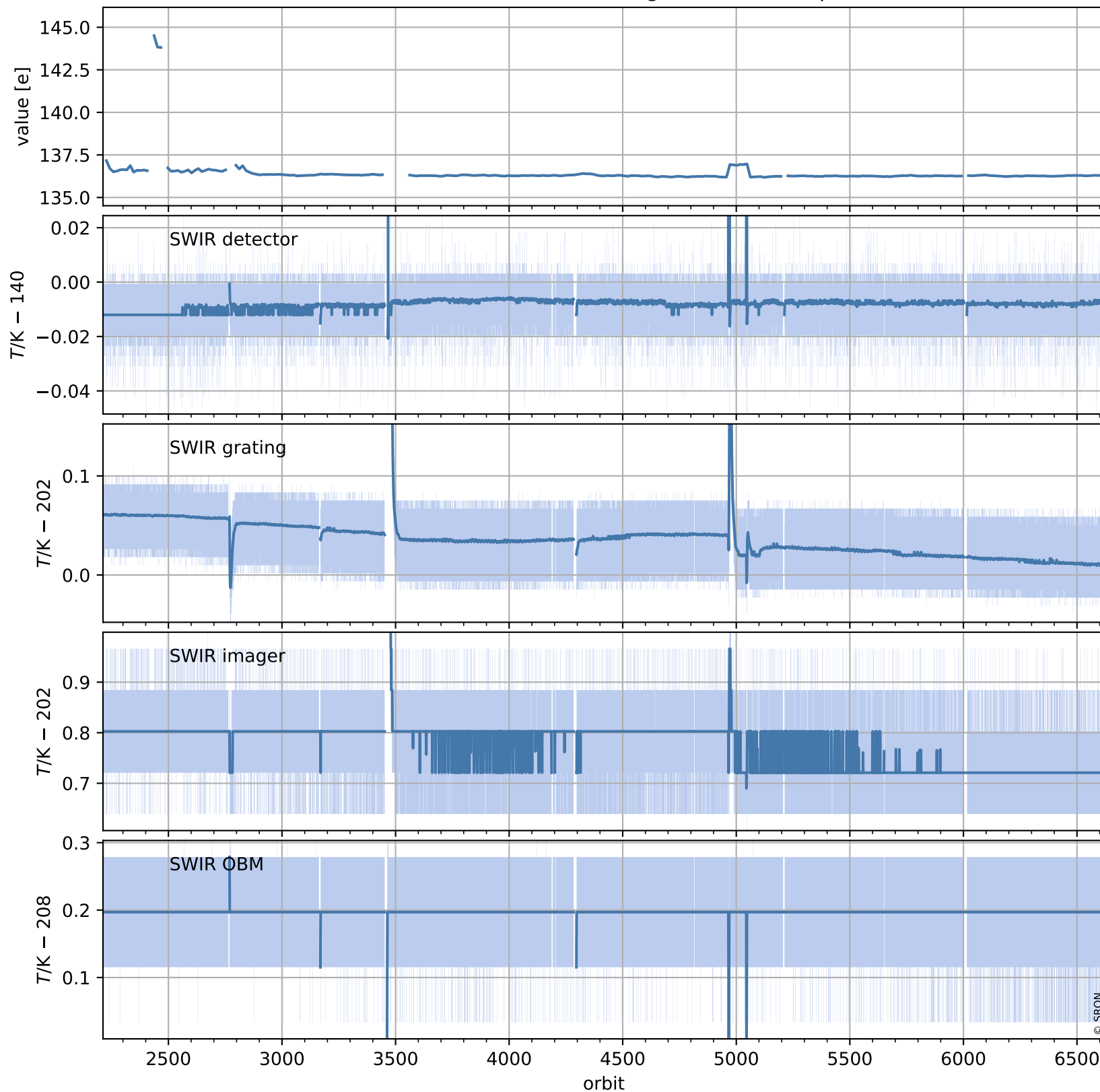
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6622]
coverage : 2018-03-18 / 2019-01-22
created : 2023-08-21T14:43:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6622]
coverage : 2018-03-18 / 2019-01-22
created : 2023-08-21T14:43:08

trend of normalized read-noise & temperatures

