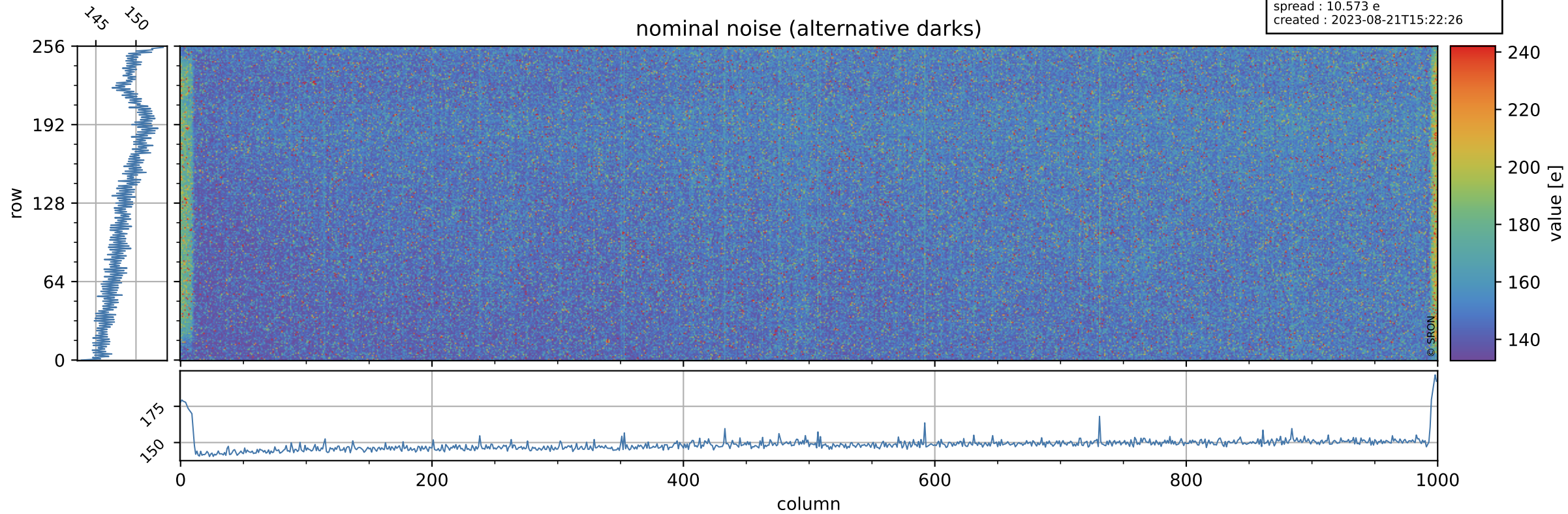


Tropomi SWIR background noise (swir)

orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.573 e
created : 2023-08-21T15:22:26

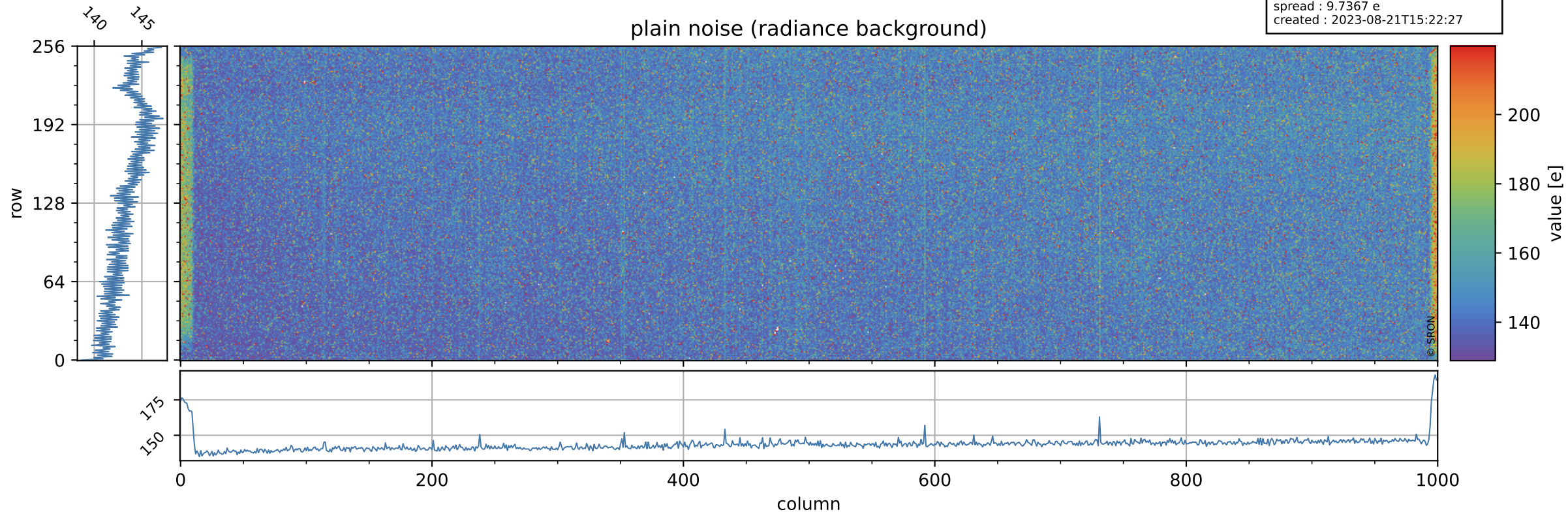
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7367 e
created : 2023-08-21T15:22:27

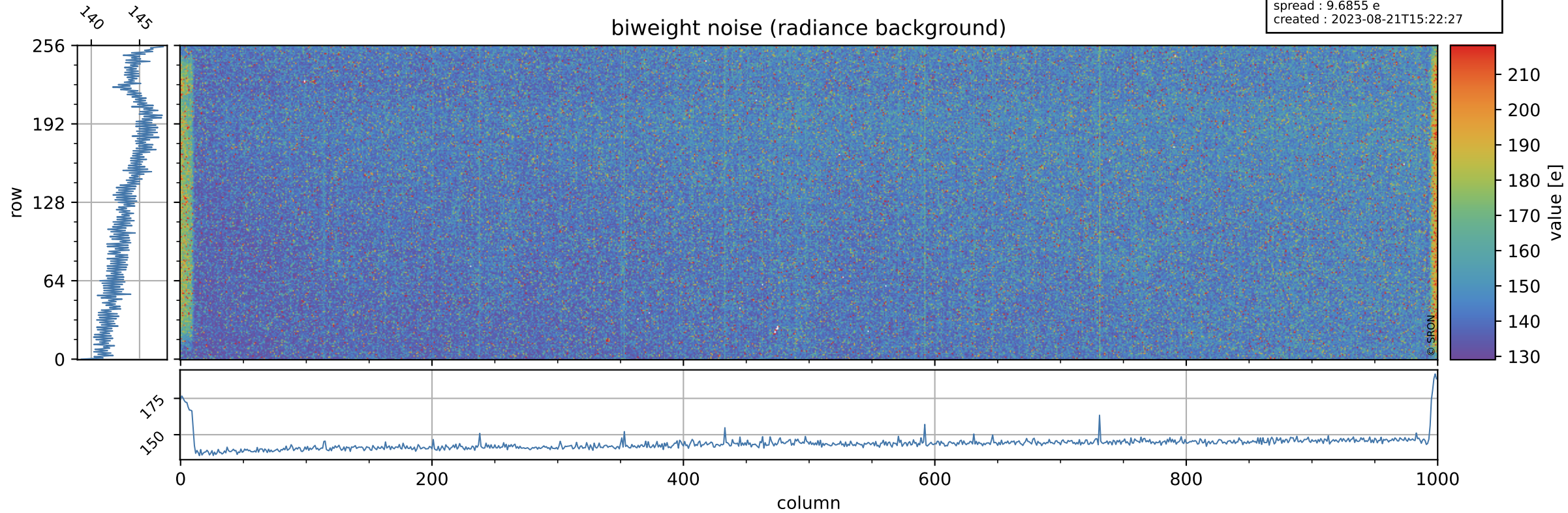
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.6855 e
created : 2023-08-21T15:22:27

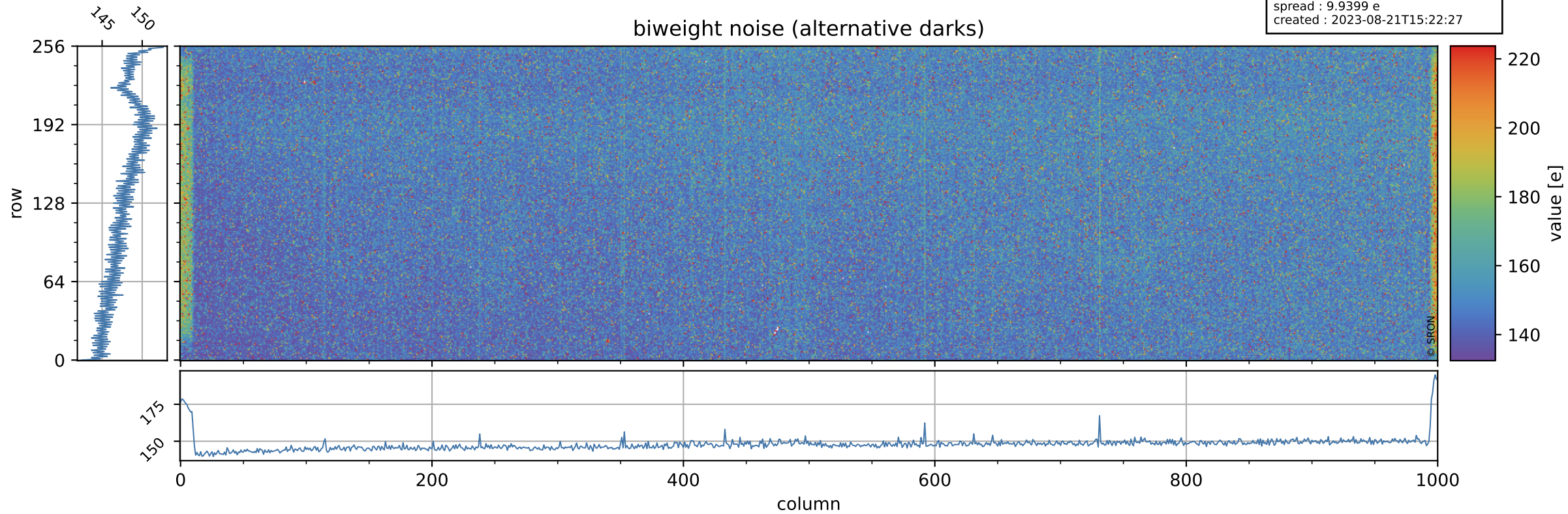
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 9.9399 e
created : 2023-08-21T15:22:27

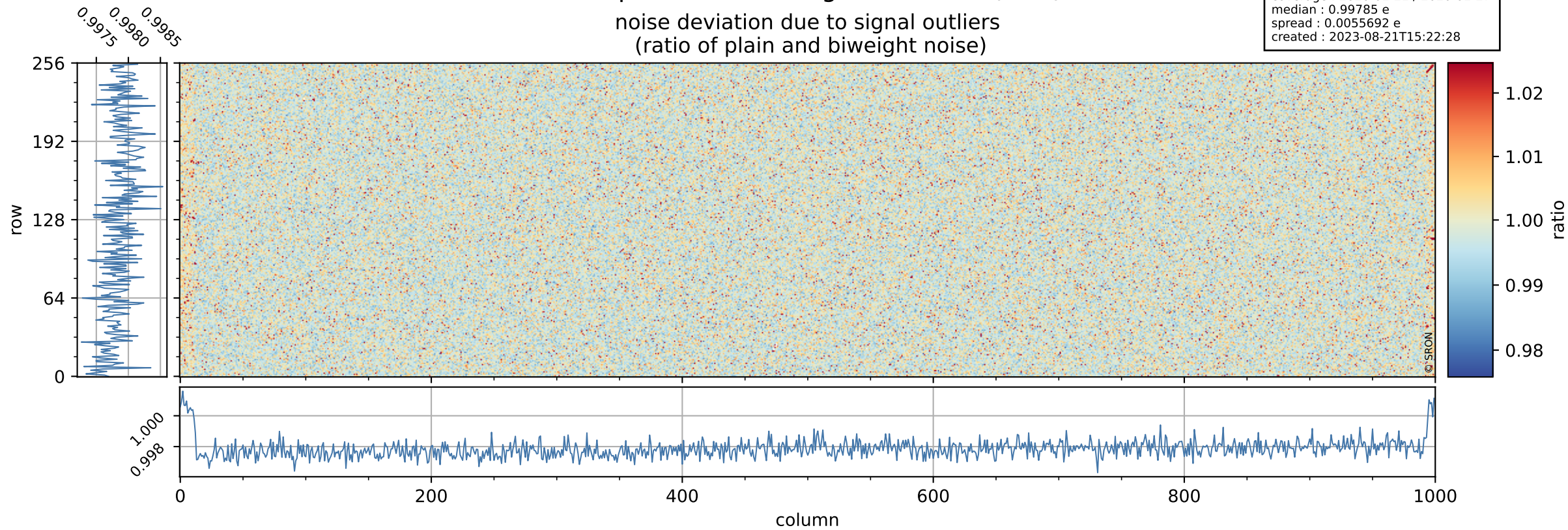
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

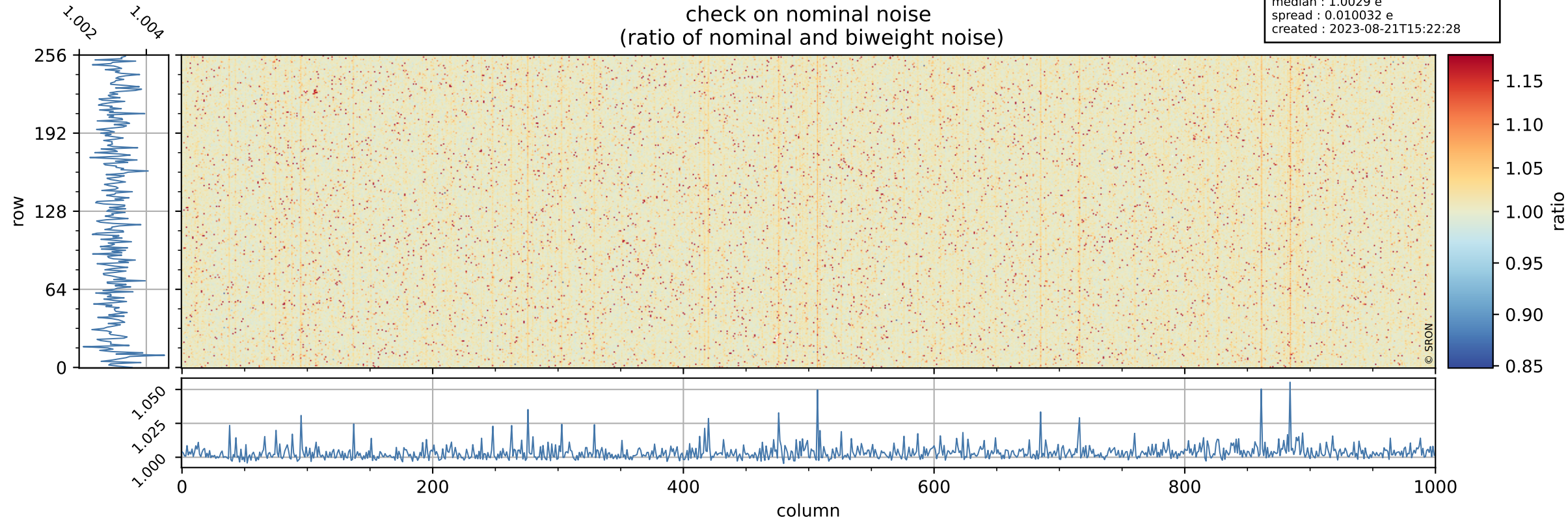
orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
median : 0.99785 e
spread : 0.0055692 e
created : 2023-08-21T15:22:28



Tropomi SWIR background noise (swir)

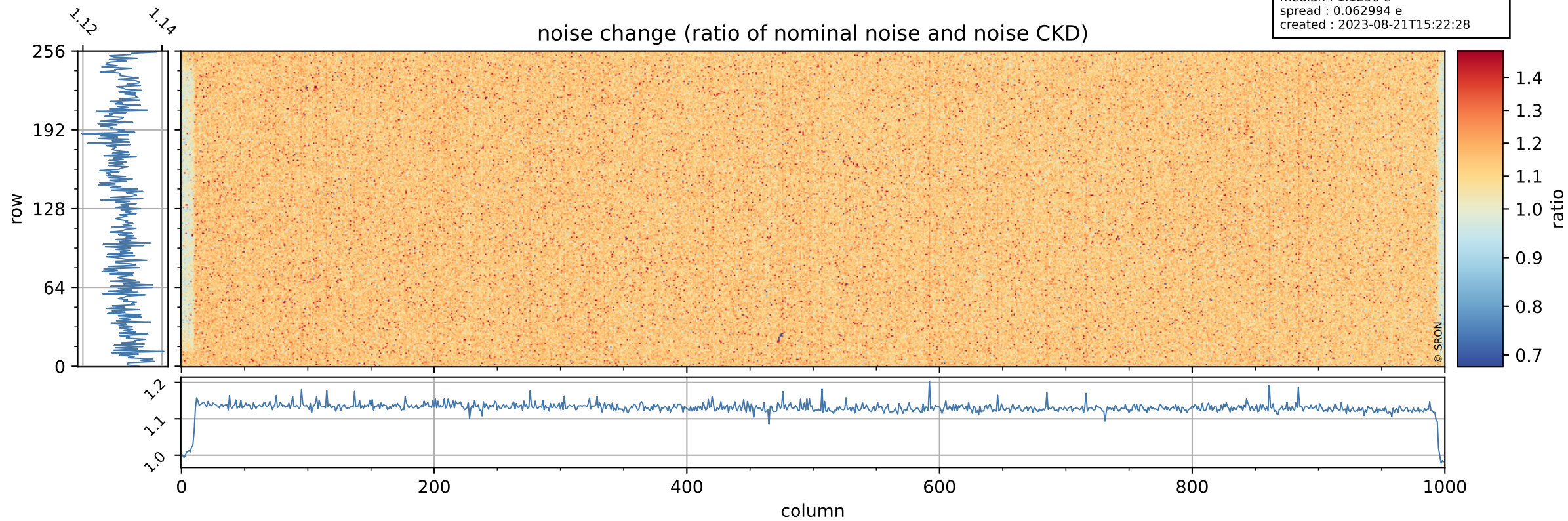
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
median : 1.0029 e
spread : 0.010032 e
created : 2023-08-21T15:22:28



Tropomi SWIR background noise (swir)

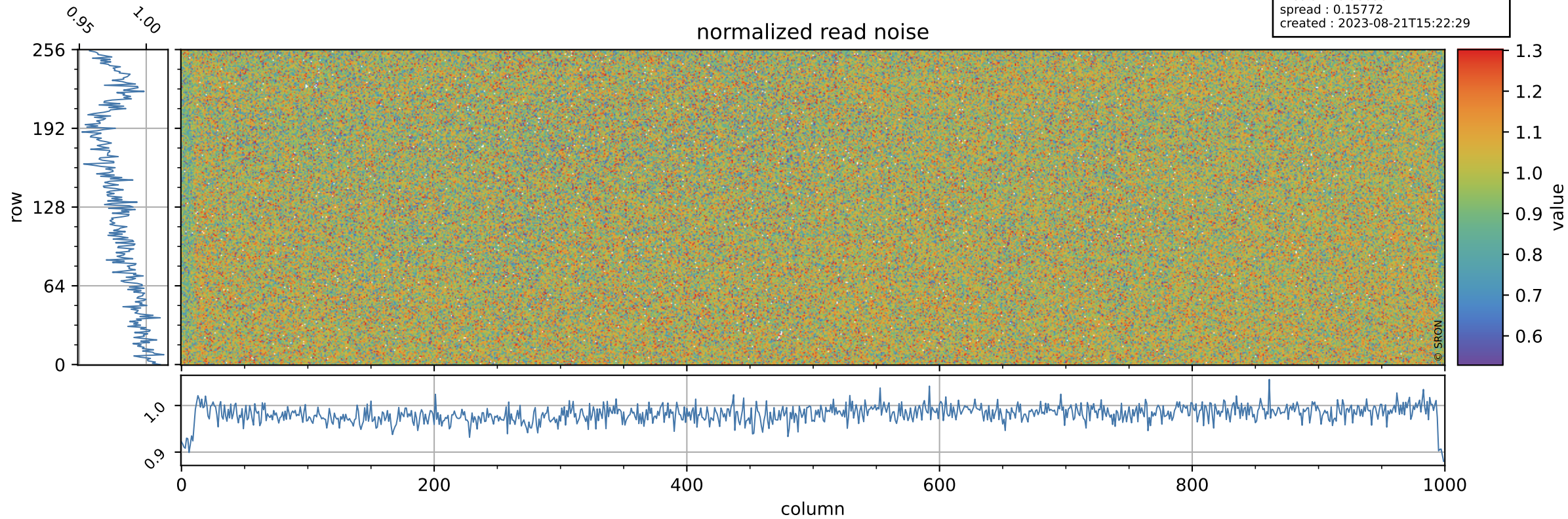
orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
median : 1.1296 e
spread : 0.062994 e
created : 2023-08-21T15:22:28



Tropomi SWIR background noise (swir)

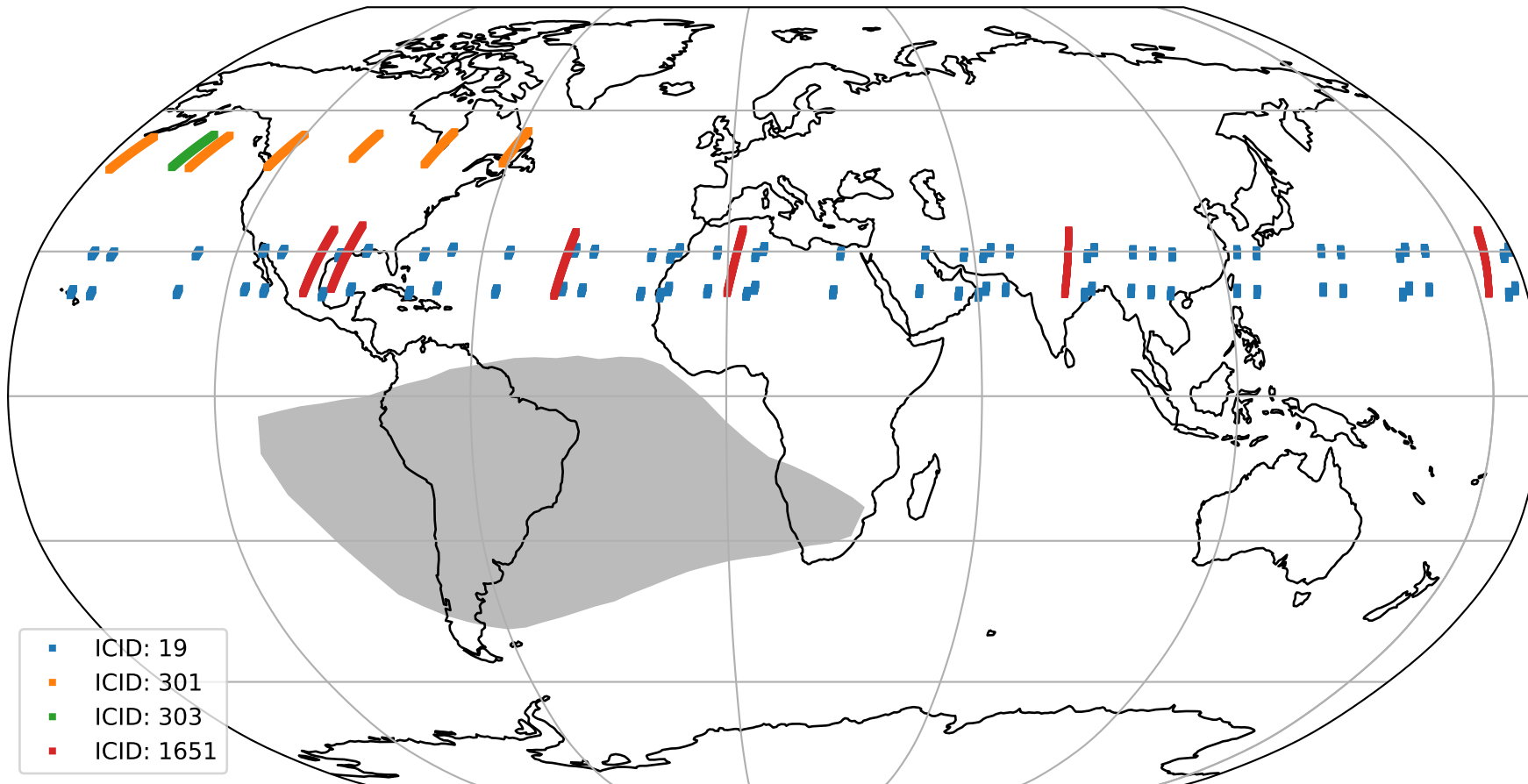
orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
median : 0.98056
spread : 0.15772
created : 2023-08-21T15:22:29

normalized read noise



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

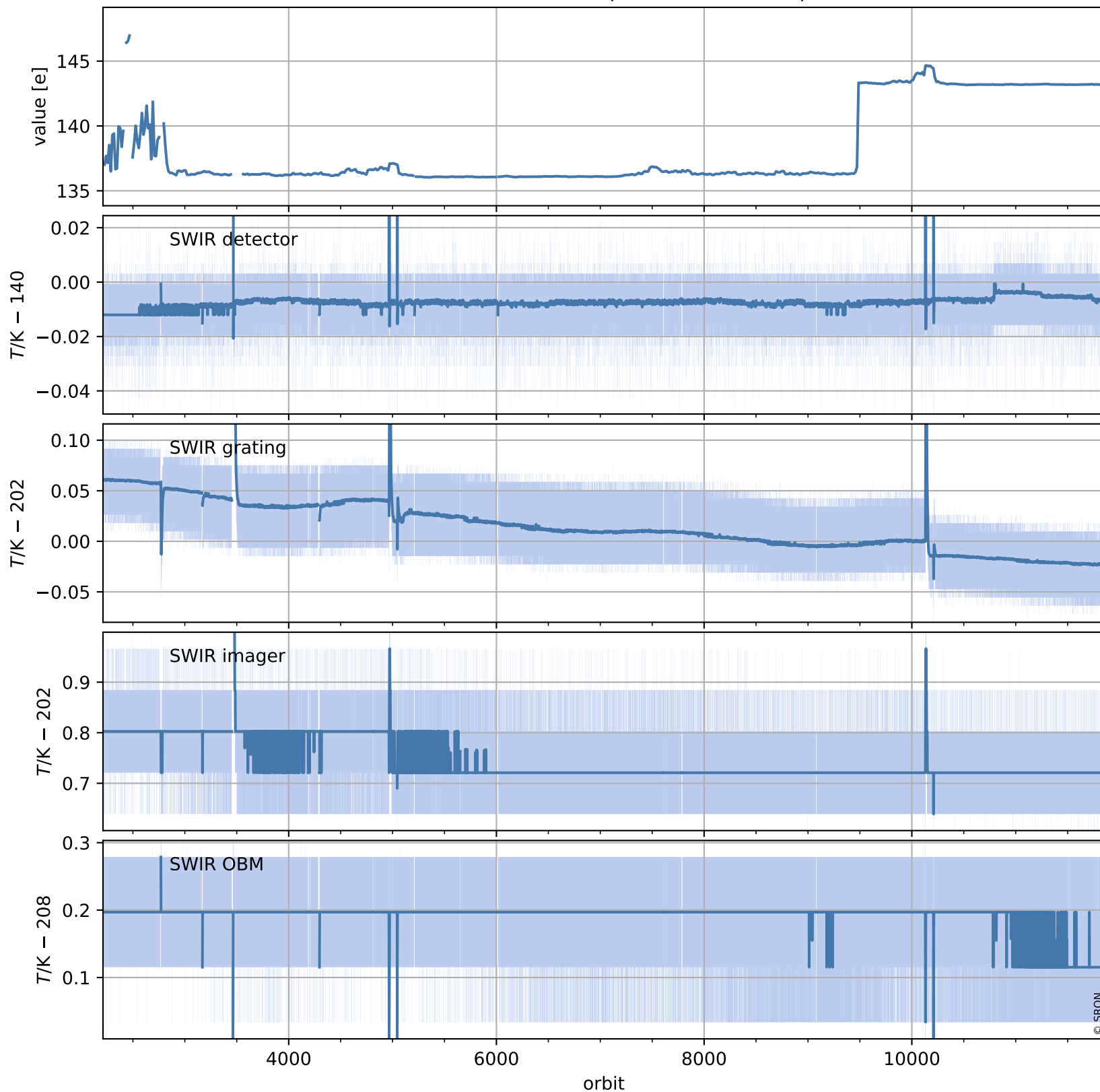
orbits : 13 in [11767, 11857]
coverage : 2020-01-21 / 2020-01-27
created : 2023-08-21T15:22:29



Tropomi SWIR background noise (swir)

orbits : [2212, 11857]
coverage : 2018-03-18 / 2020-01-27
created : 2023-08-21T15:22:30

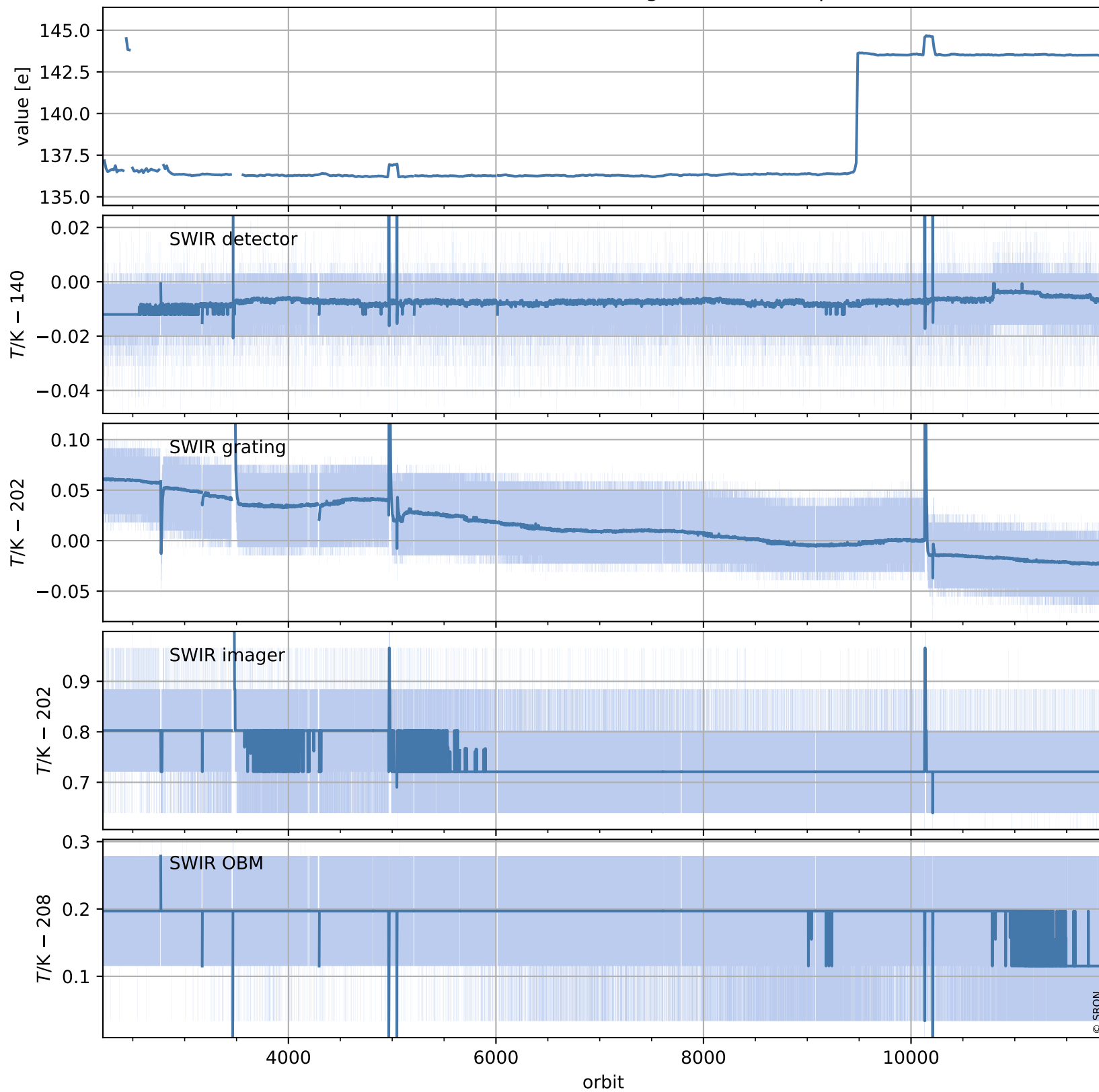
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11857]
coverage : 2018-03-18 / 2020-01-27
created : 2023-08-21T15:22:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11857]
coverage : 2018-03-18 / 2020-01-27
created : 2023-08-21T15:22:31

trend of normalized read-noise & temperatures

