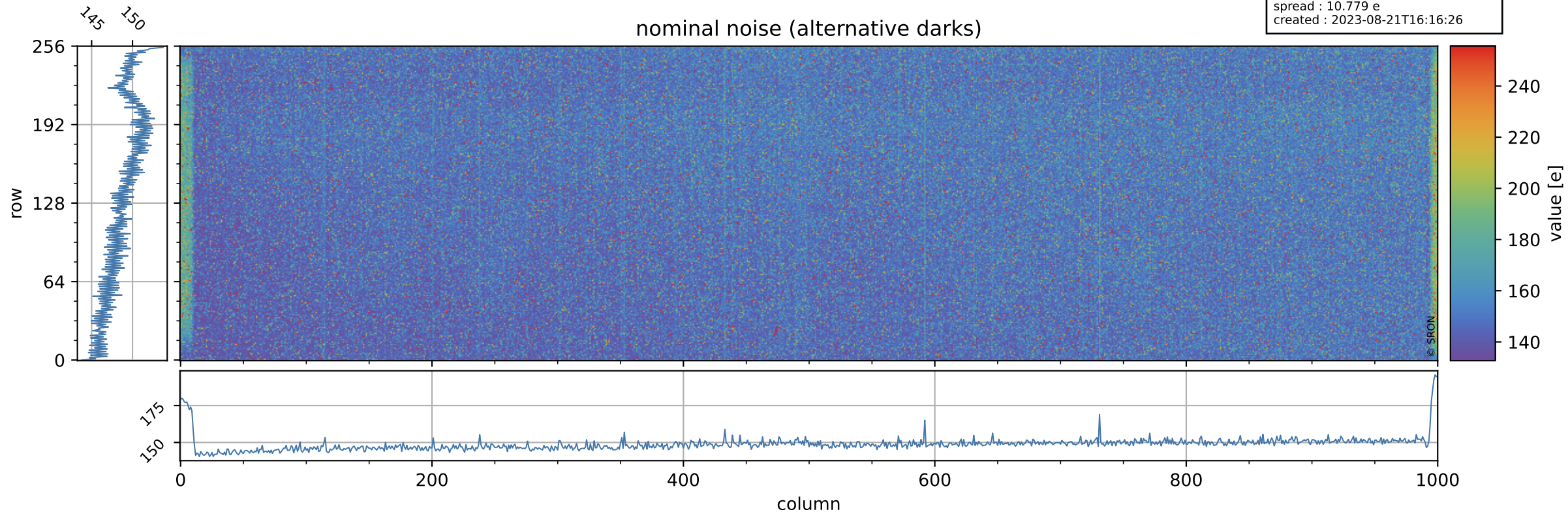


Tropomi SWIR background noise (swir)

orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.779 e
created : 2023-08-21T16:16:26

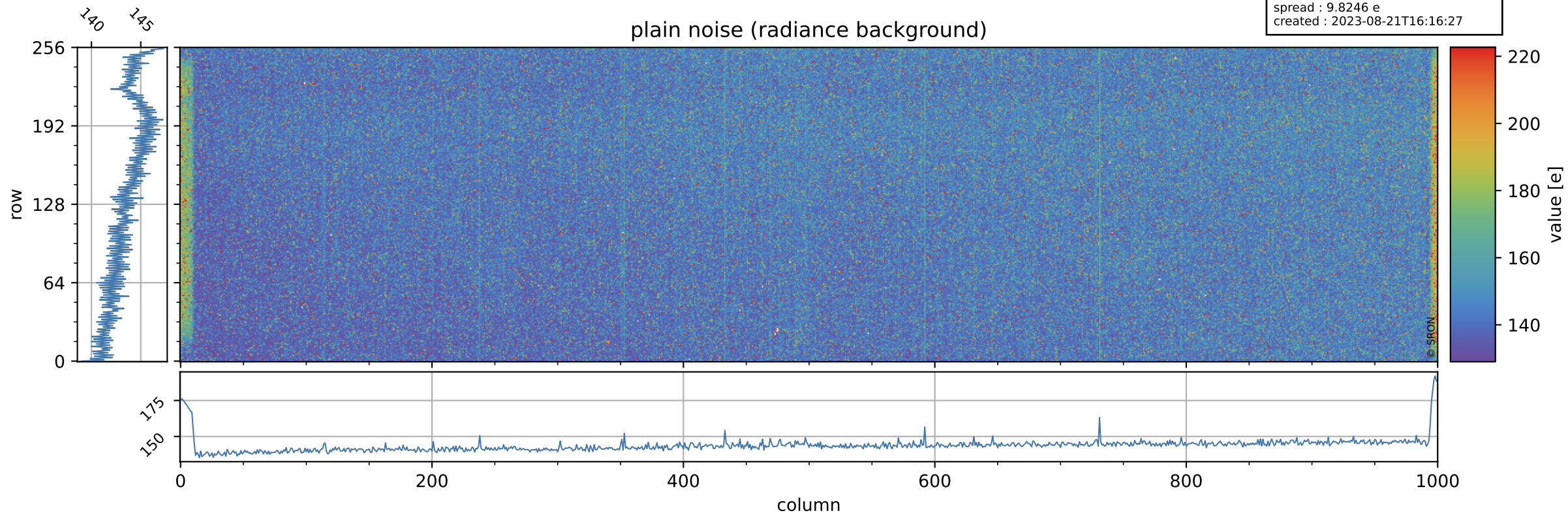
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8246 e
created : 2023-08-21T16:16:27

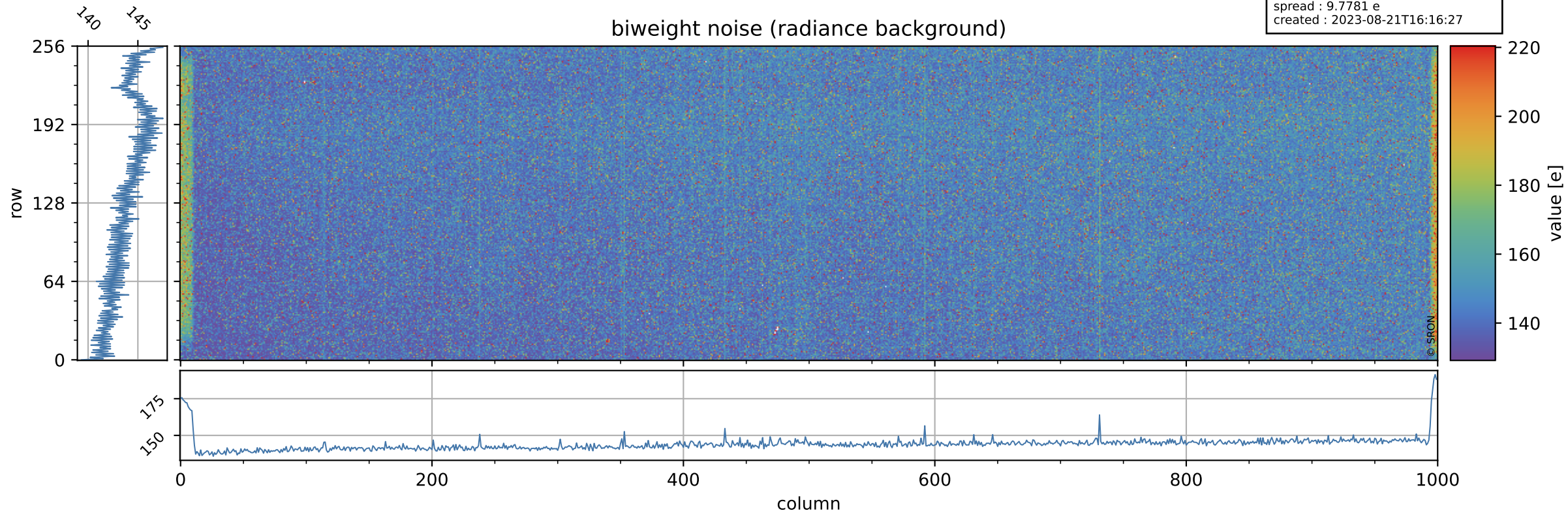
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7781 e
created : 2023-08-21T16:16:27

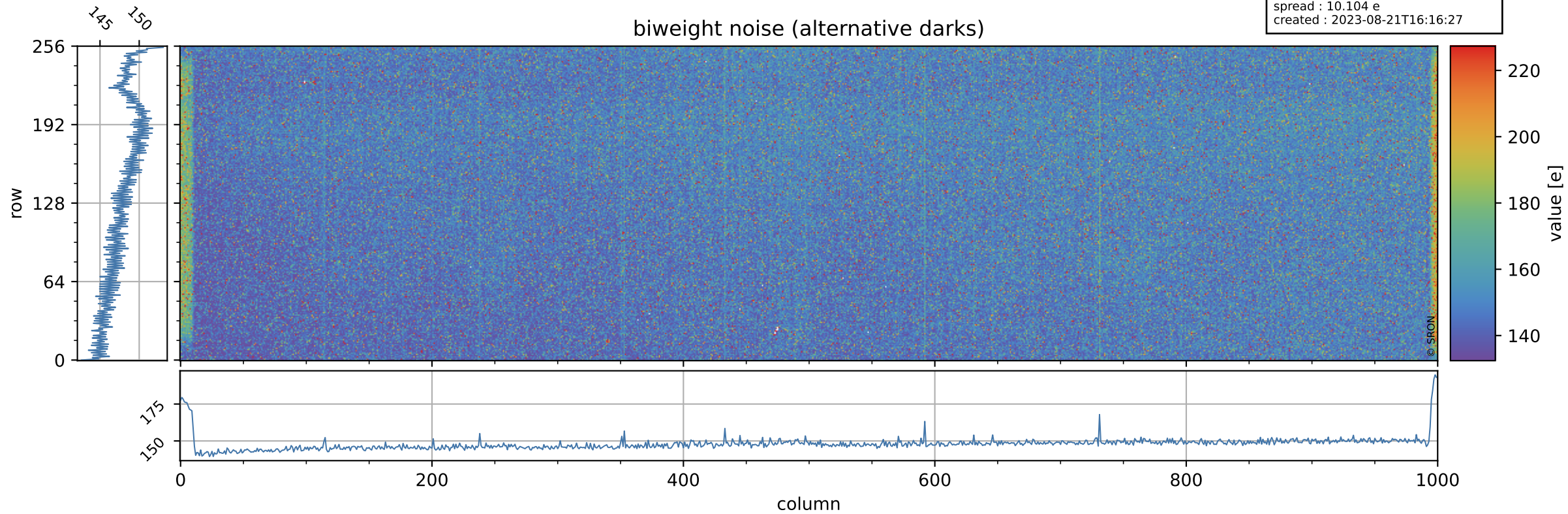
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.104 e
created : 2023-08-21T16:16:27

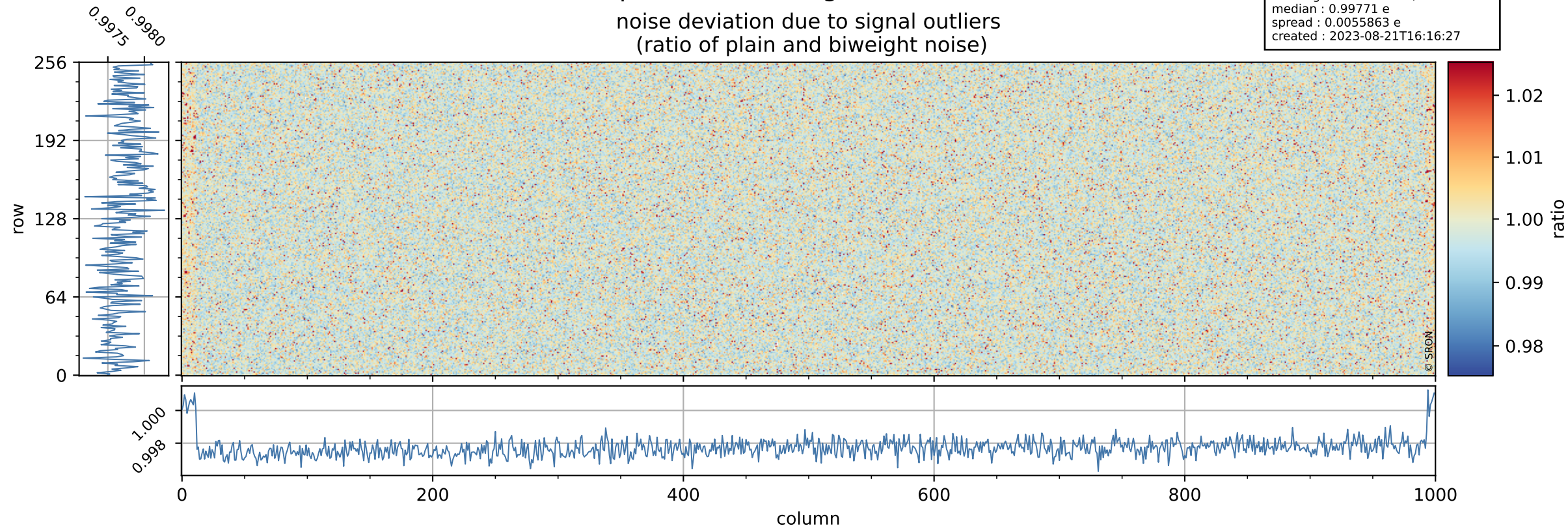
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

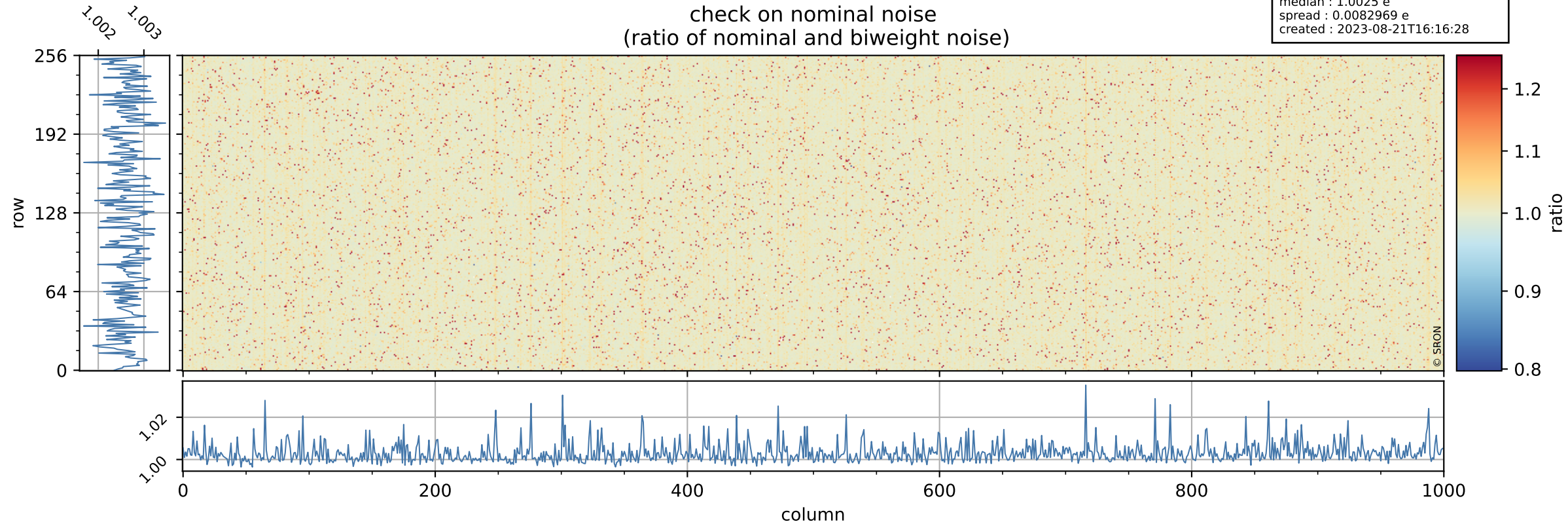
orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
median : 0.99771 e
spread : 0.0055863 e
created : 2023-08-21T16:16:27



Tropomi SWIR background noise (swir)

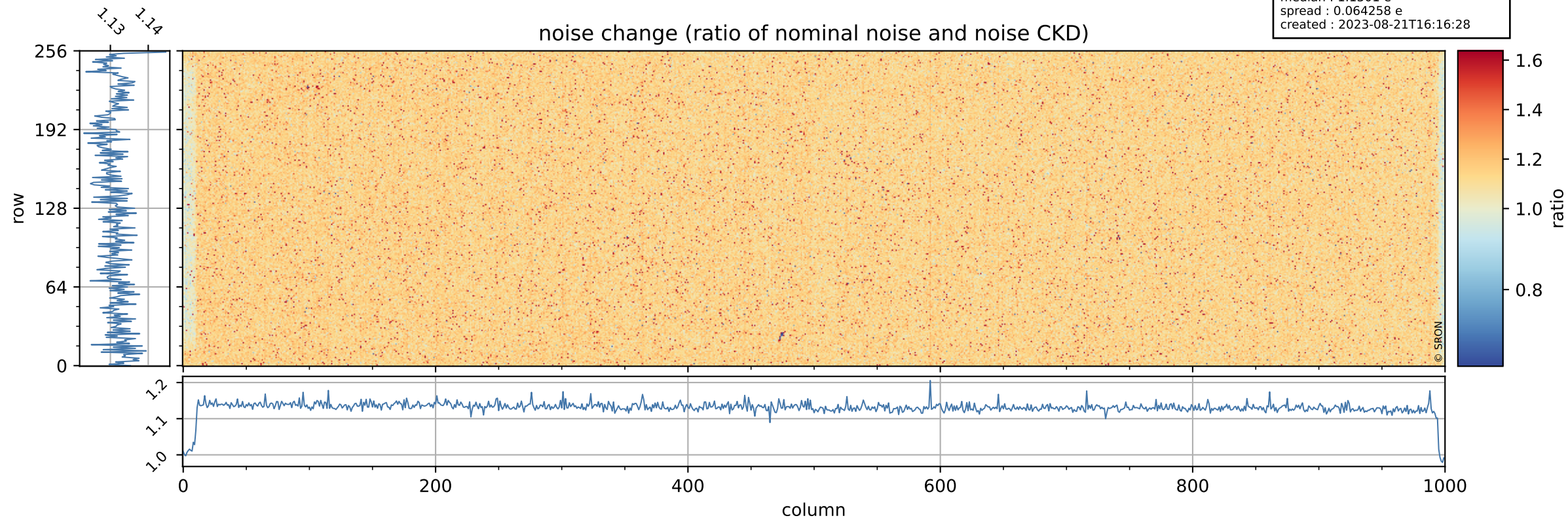
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
median : 1.0025 e
spread : 0.0082969 e
created : 2023-08-21T16:16:28



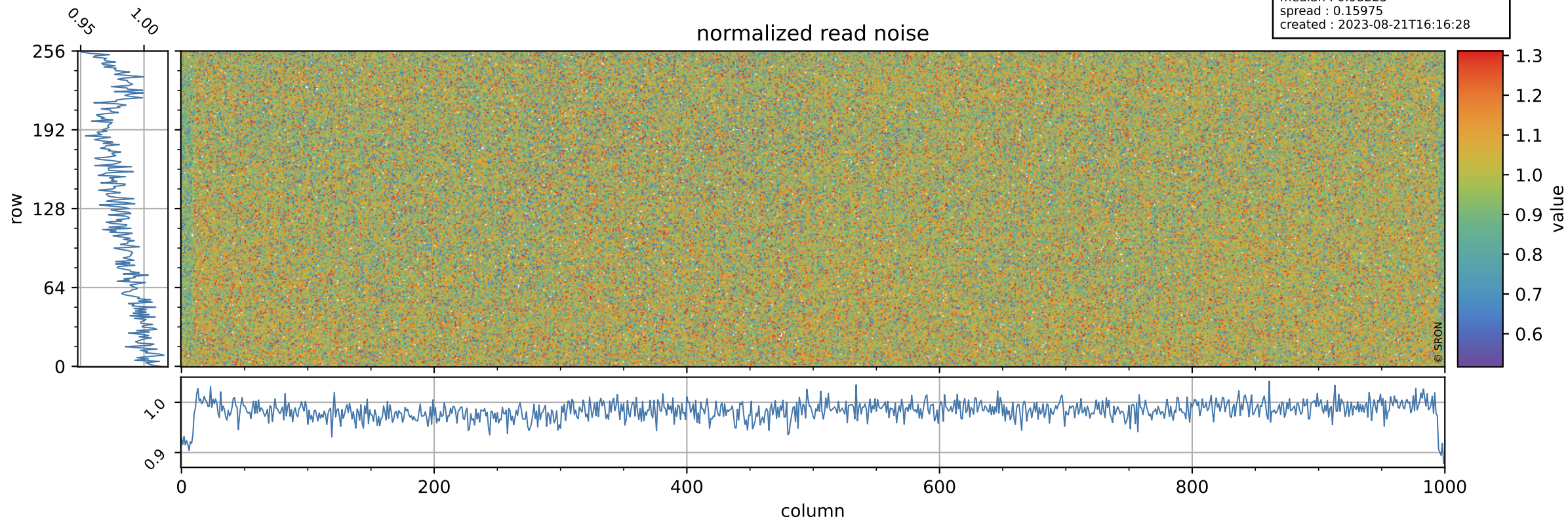
Tropomi SWIR background noise (swir)

orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
median : 1.1301 e
spread : 0.064258 e
created : 2023-08-21T16:16:28



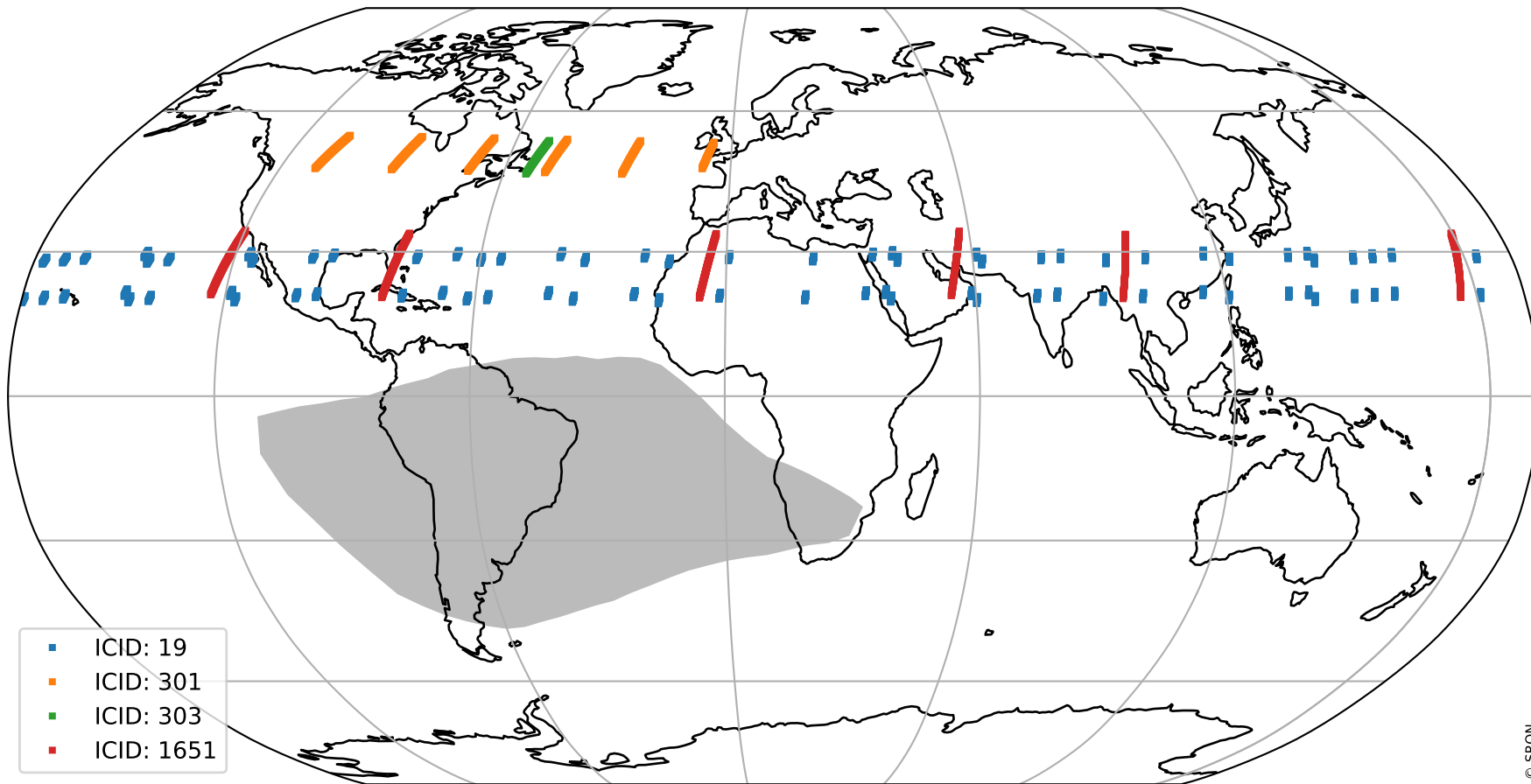
Tropomi SWIR background noise (swir)

orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
median : 0.98225
spread : 0.15975
created : 2023-08-21T16:16:28



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

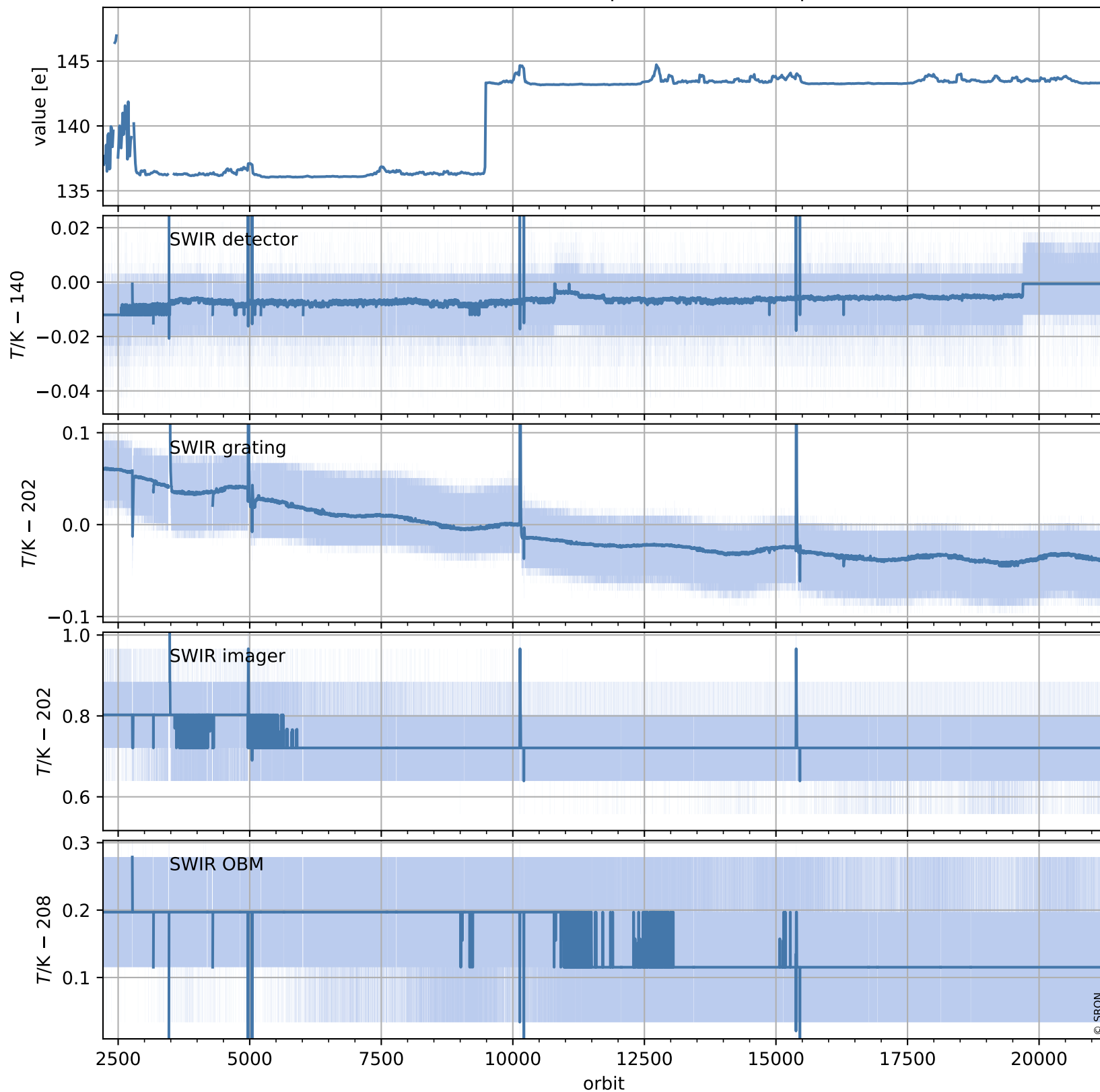
orbits : 13 in [21172, 21247]
coverage : 2021-11-13 / 2021-11-18
created : 2023-08-21T16:16:29



Tropomi SWIR background noise (swir)

orbits : [2212, 21247]
coverage : 2018-03-18 / 2021-11-18
created : 2023-08-21T16:16:29

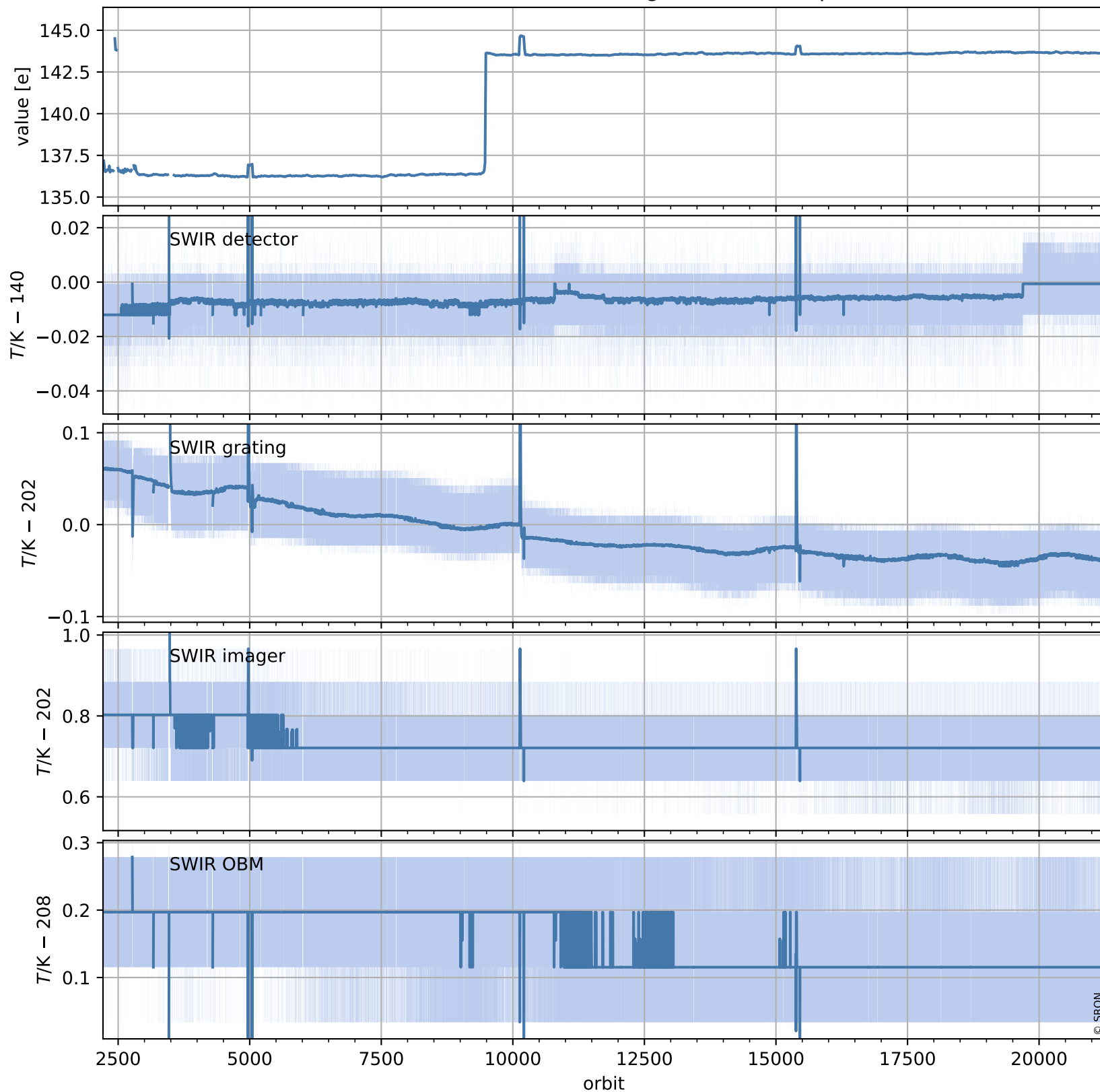
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21247]
coverage : 2018-03-18 / 2021-11-18
created : 2023-08-21T16:16:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21247]
coverage : 2018-03-18 / 2021-11-18
created : 2023-08-21T16:16:31

trend of normalized read-noise & temperatures

