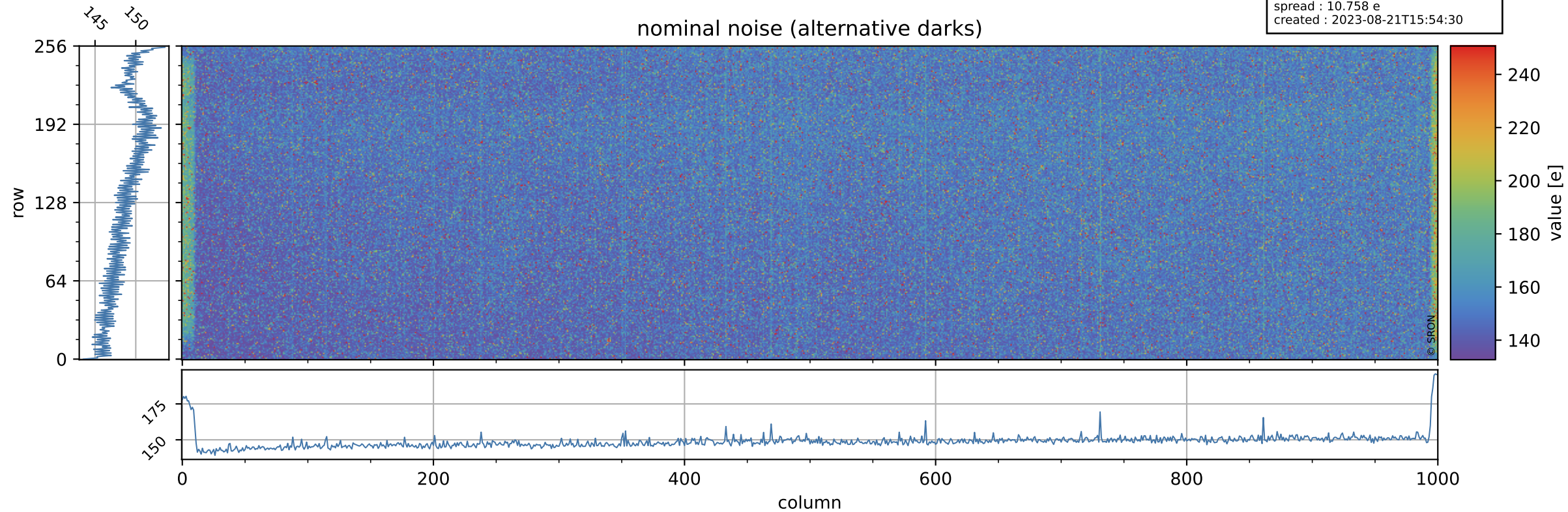


Tropomi SWIR background noise (swir)

orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.758 e
created : 2023-08-21T15:54:30

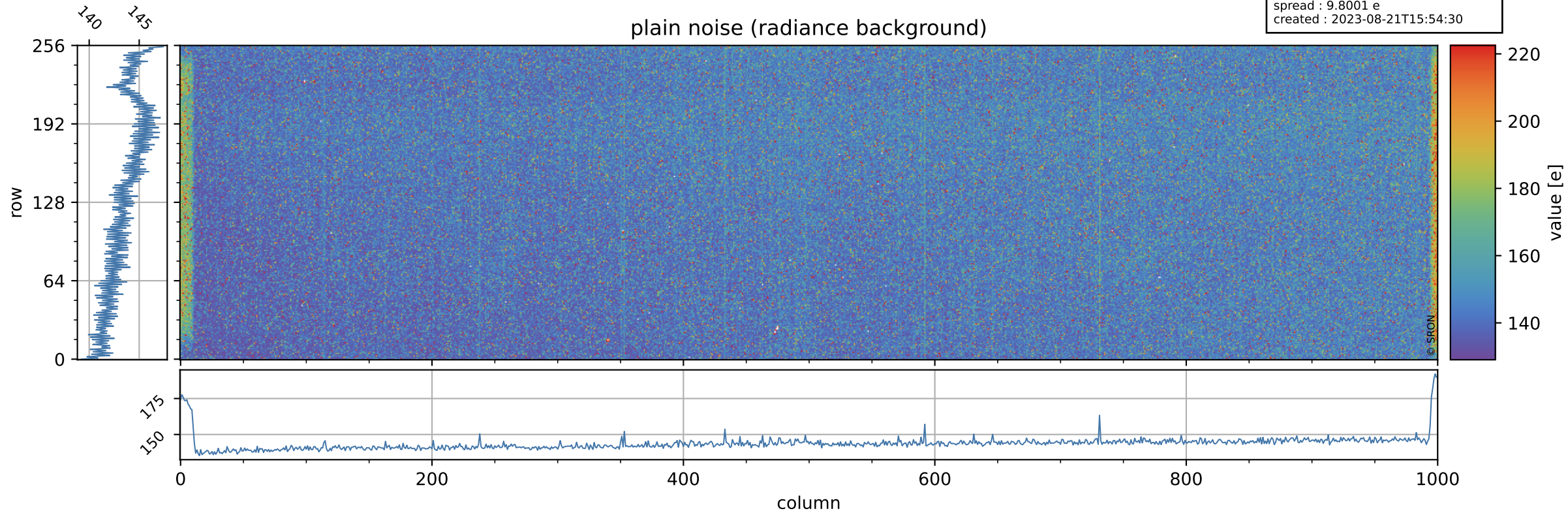
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8001 e
created : 2023-08-21T15:54:30

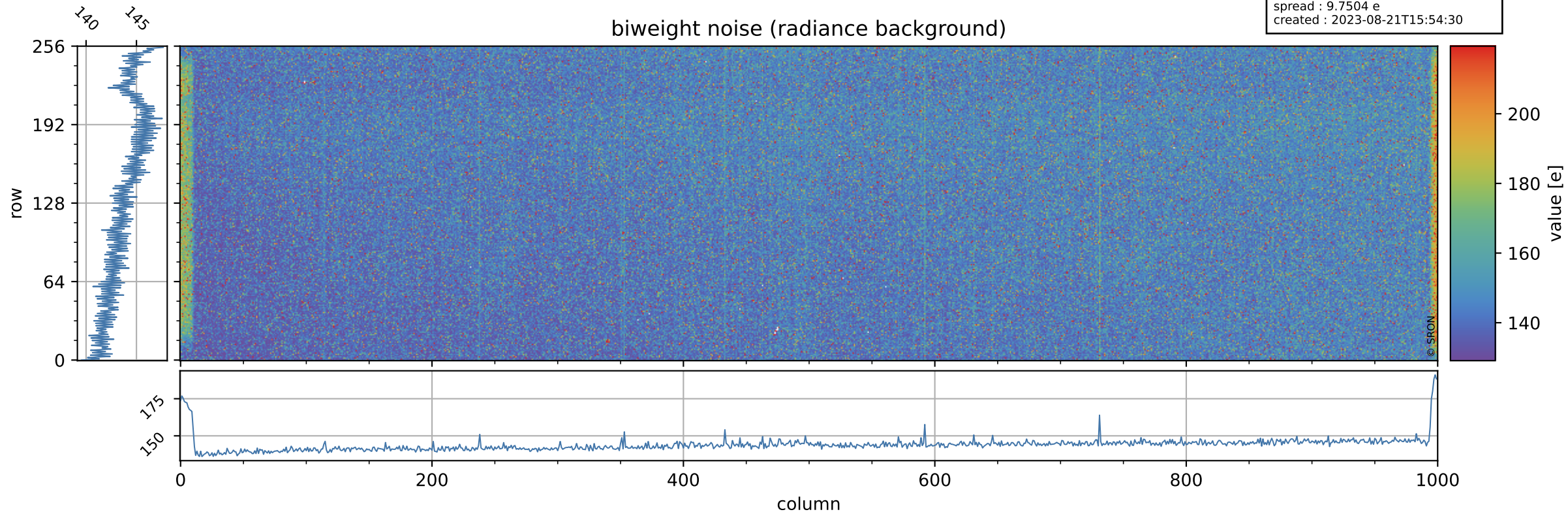
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7504 e
created : 2023-08-21T15:54:30

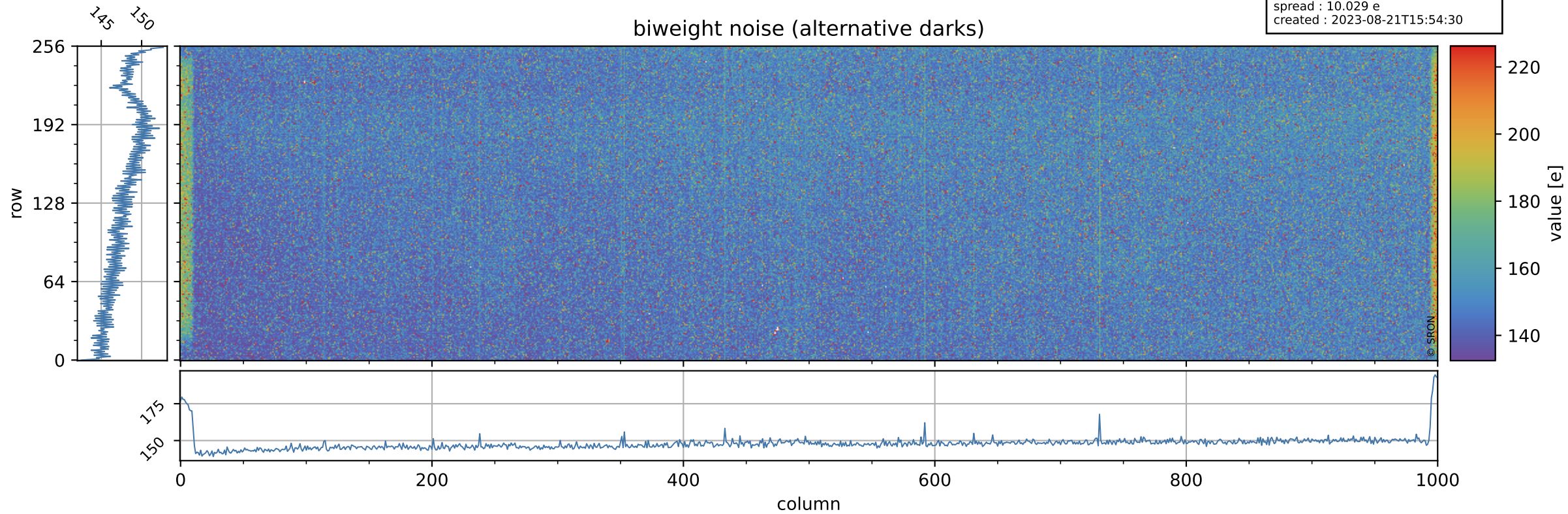
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.029 e
created : 2023-08-21T15:54:30

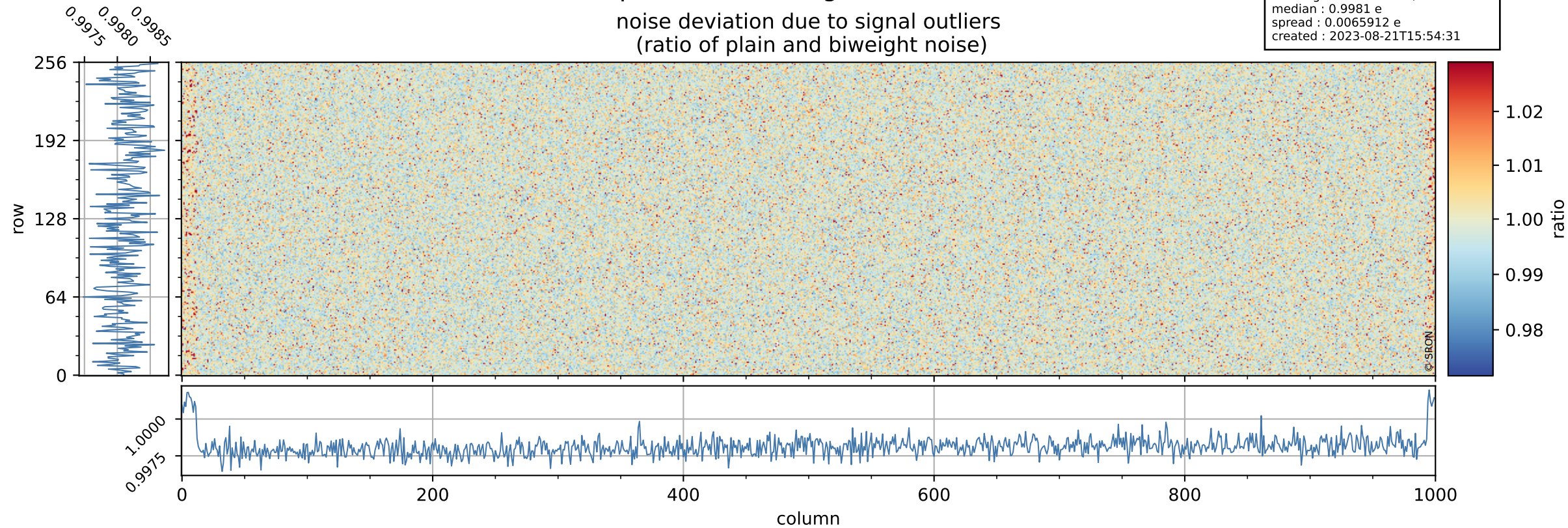
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

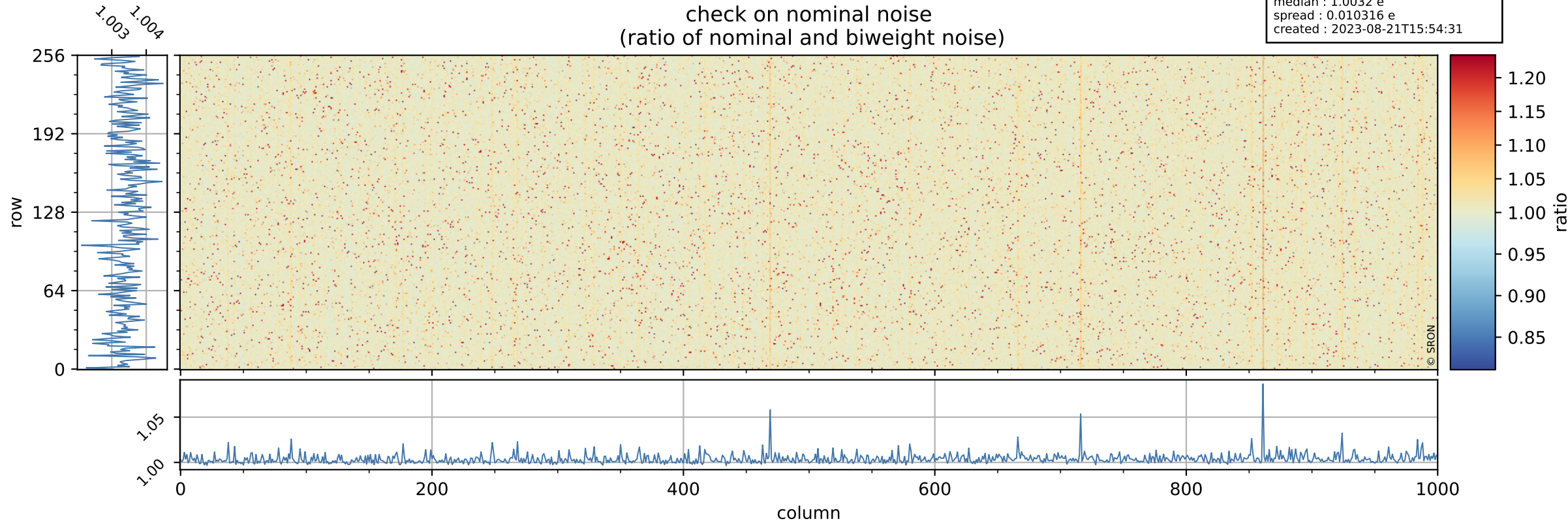
orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
median : 0.9981 e
spread : 0.0065912 e
created : 2023-08-21T15:54:31



Tropomi SWIR background noise (swir)

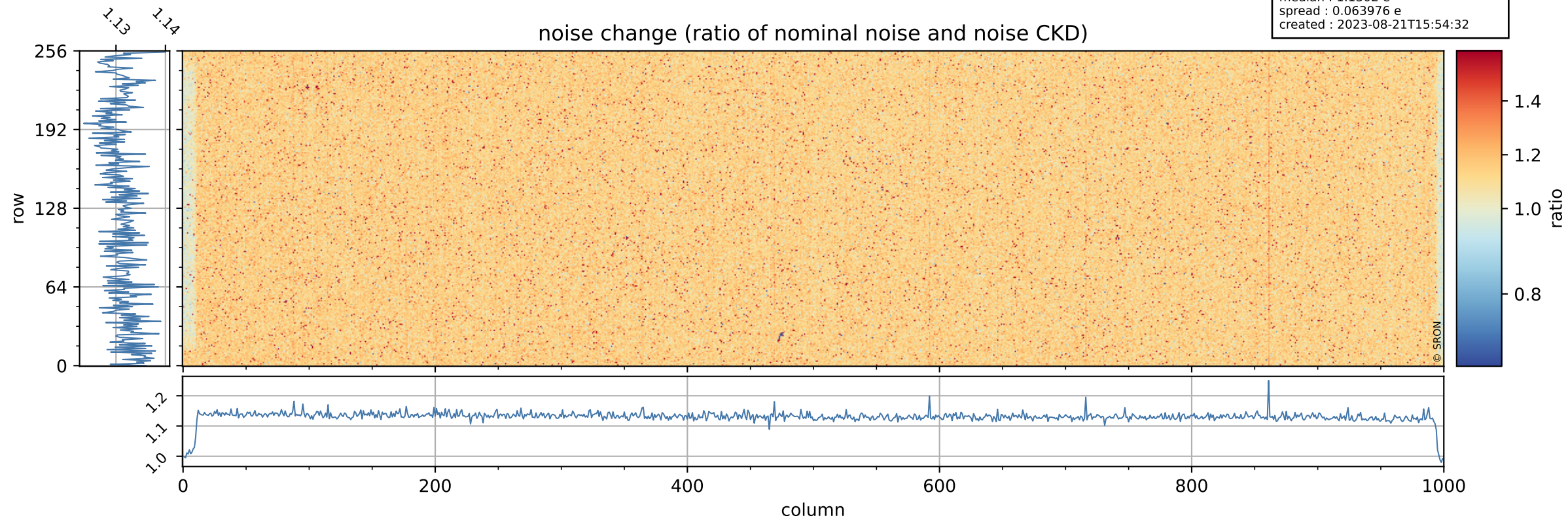
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
median : 1.0032 e
spread : 0.010316 e
created : 2023-08-21T15:54:31



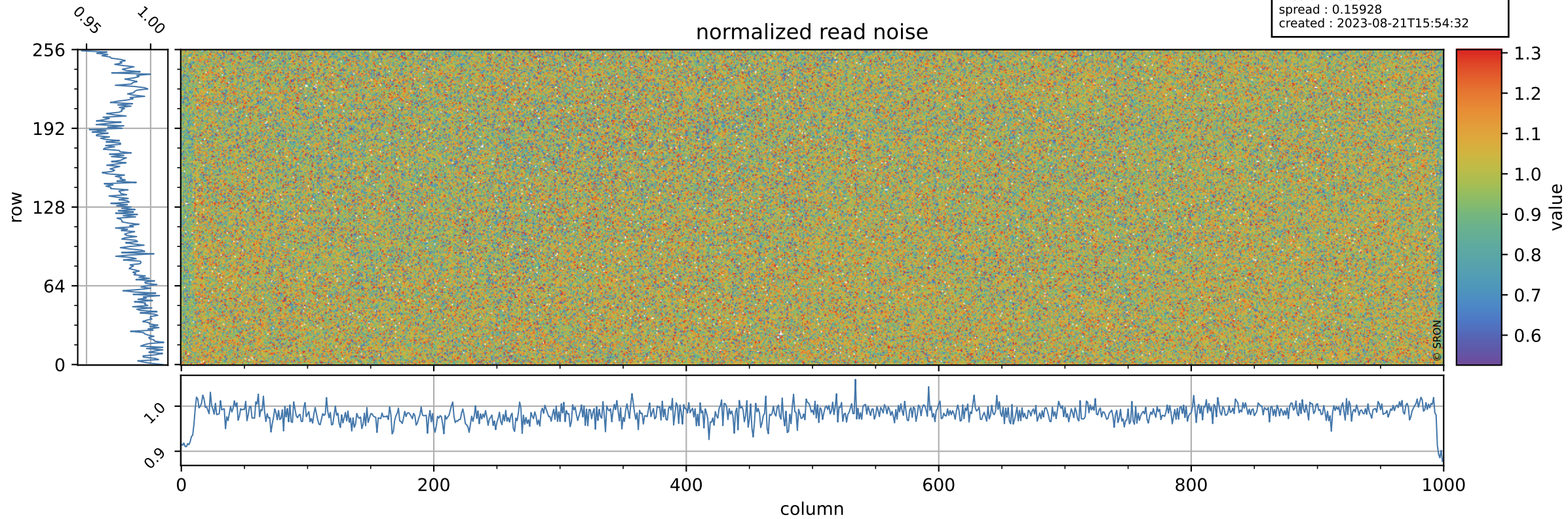
Tropomi SWIR background noise (swir)

orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
median : 1.1302 e
spread : 0.063976 e
created : 2023-08-21T15:54:32



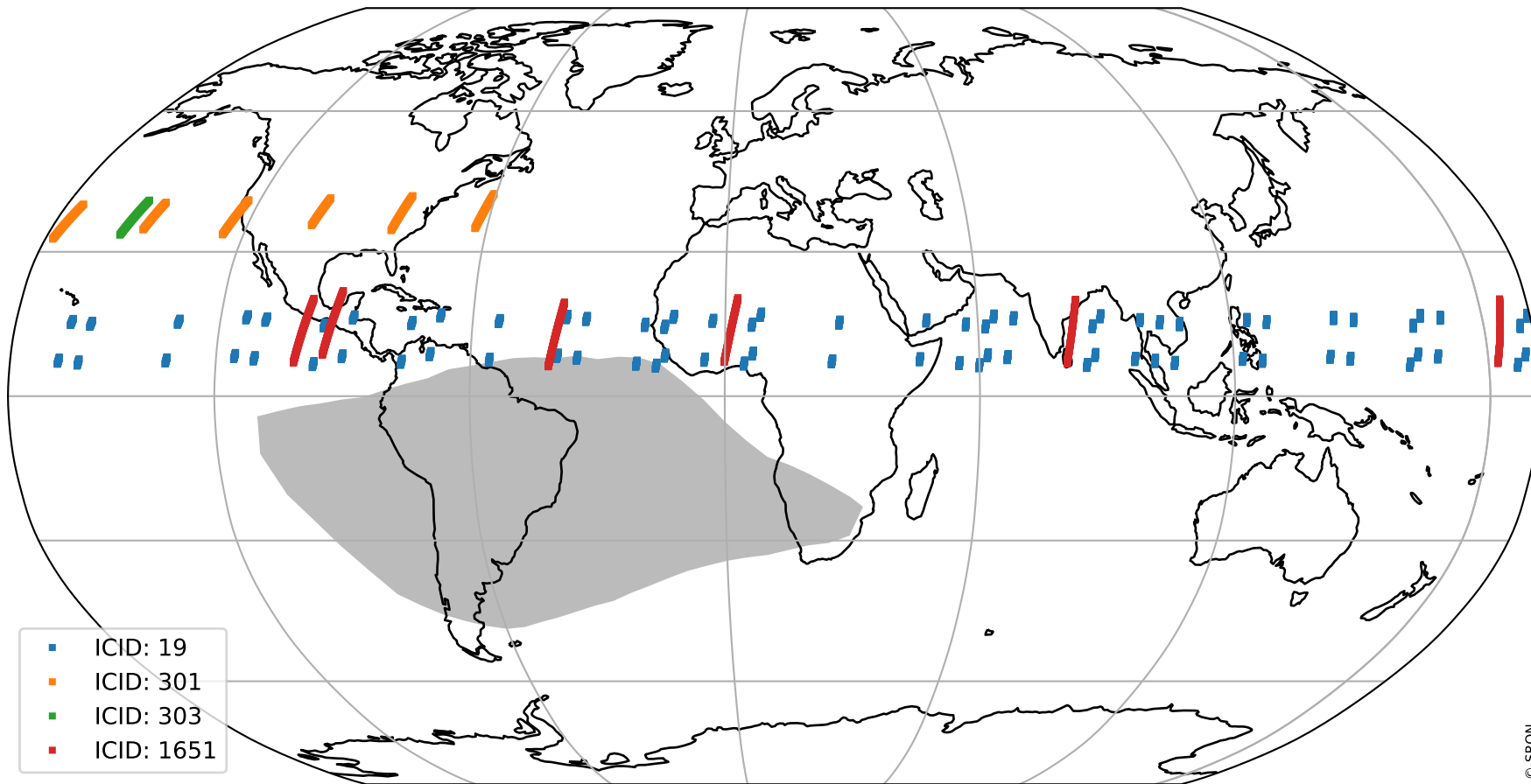
Tropomi SWIR background noise (swir)

orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
median : 0.98202
spread : 0.15928
created : 2023-08-21T15:54:32



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

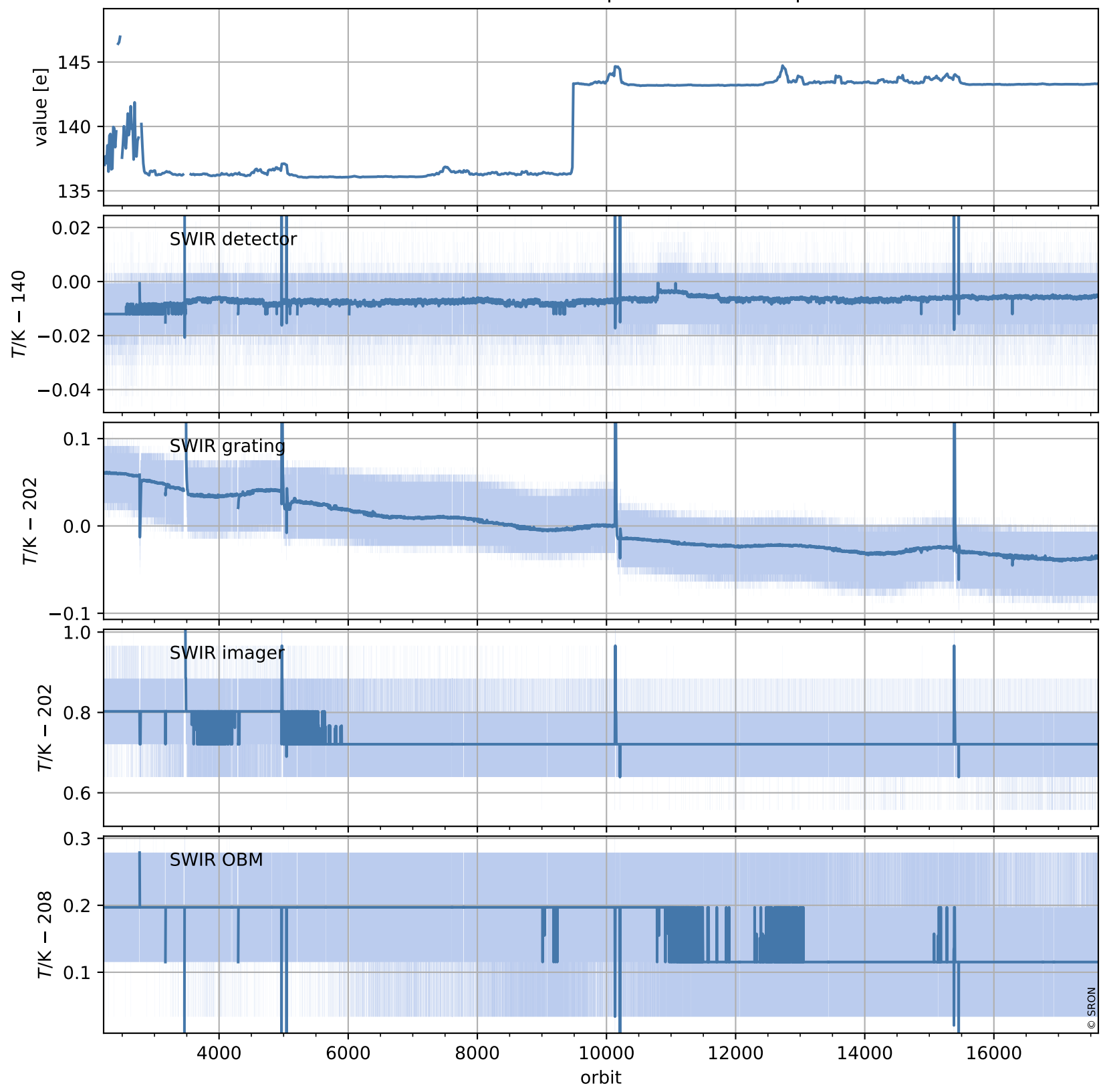
orbits : 13 in [17527, 17617]
coverage : 2021-03-02 / 2021-03-08
created : 2023-08-21T15:54:32



Tropomi SWIR background noise (swir)

orbits : [2212, 17617]
coverage : 2018-03-18 / 2021-03-08
created : 2023-08-21T15:54:32

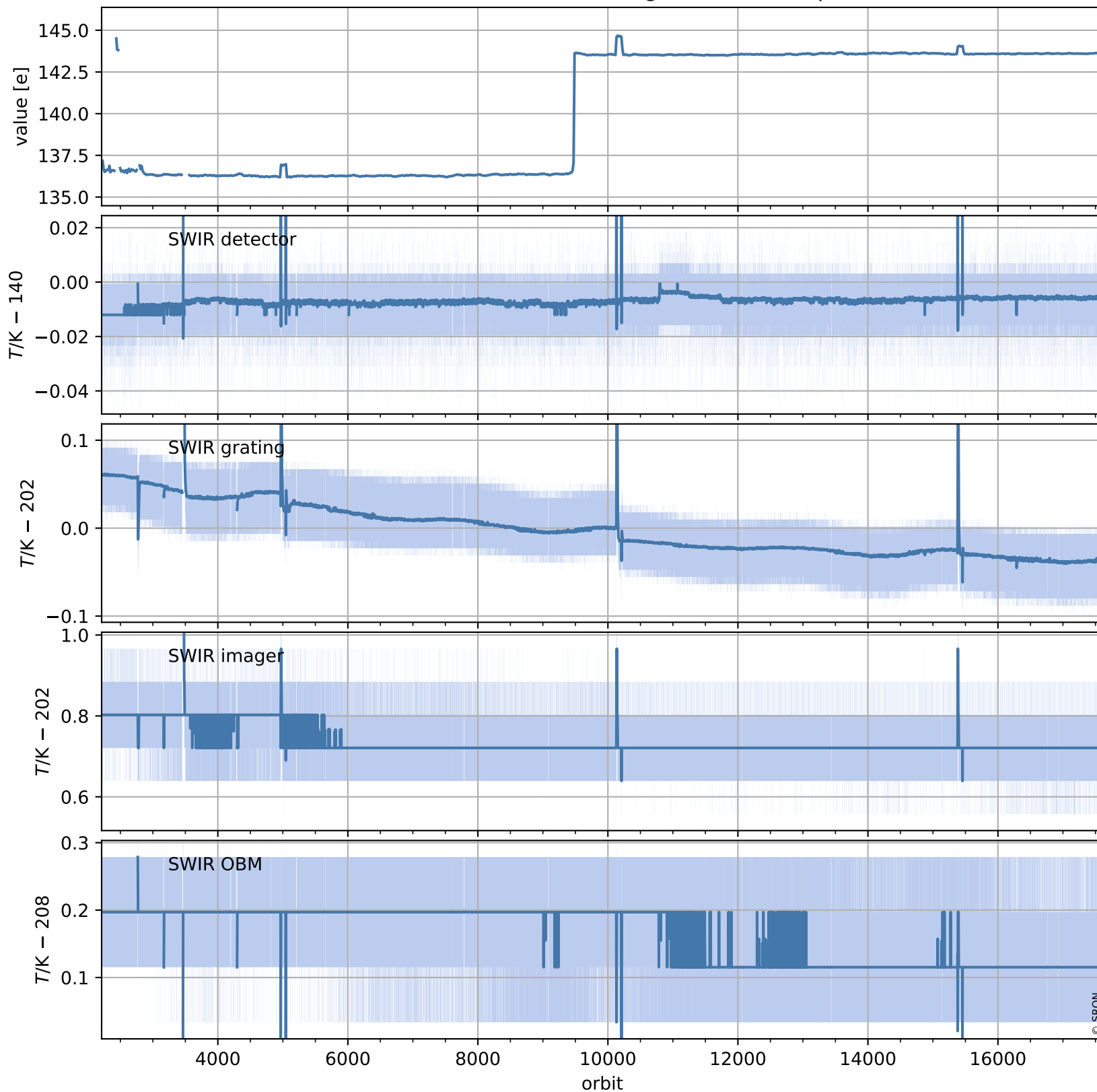
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17617]
coverage : 2018-03-18 / 2021-03-08
created : 2023-08-21T15:54:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17617]
coverage : 2018-03-18 / 2021-03-08
created : 2023-08-21T15:54:34

trend of normalized read-noise & temperatures

