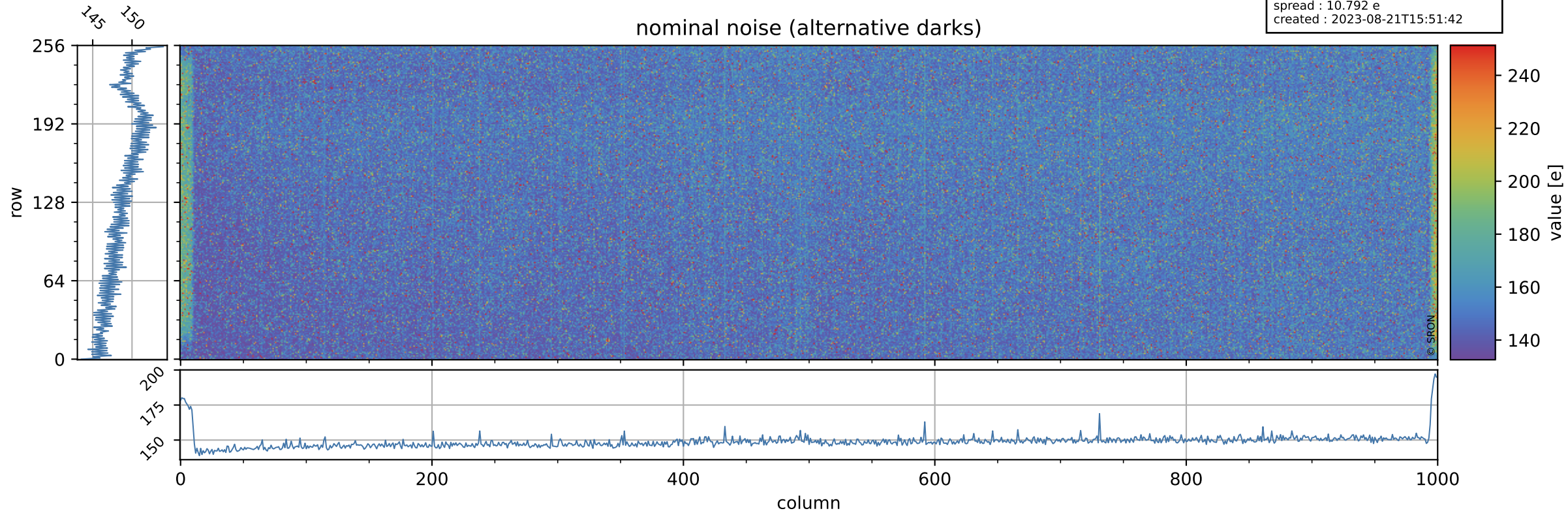


Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.792 e
created : 2023-08-21T15:51:42

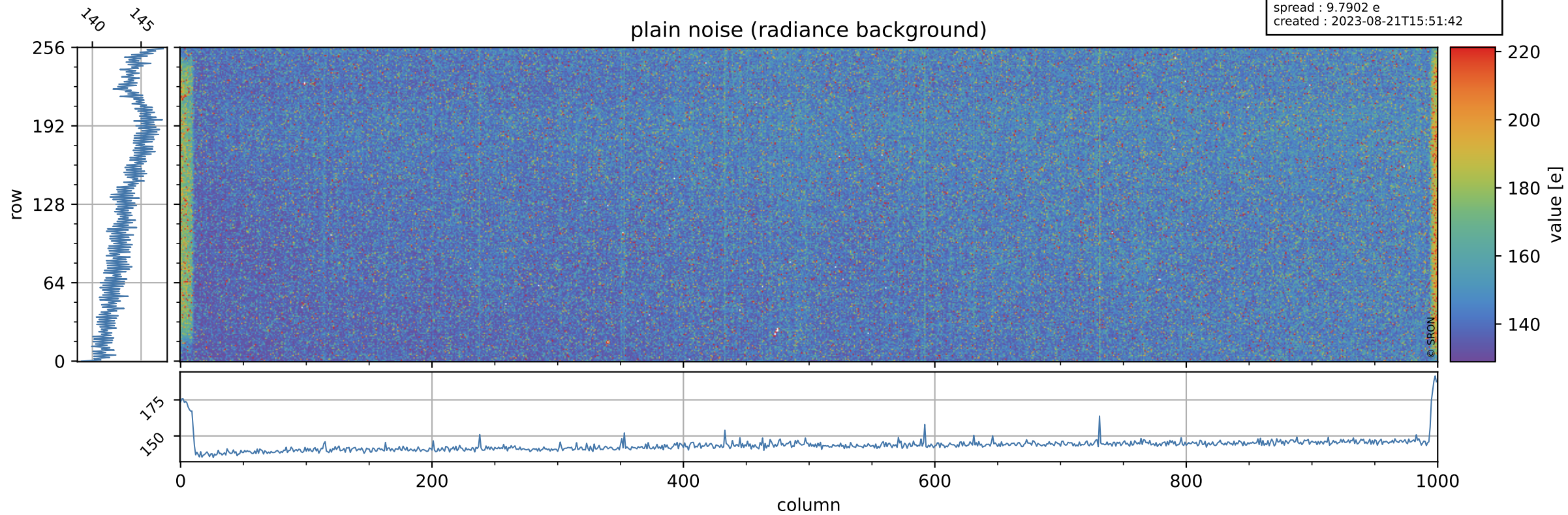
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7902 e
created : 2023-08-21T15:51:42

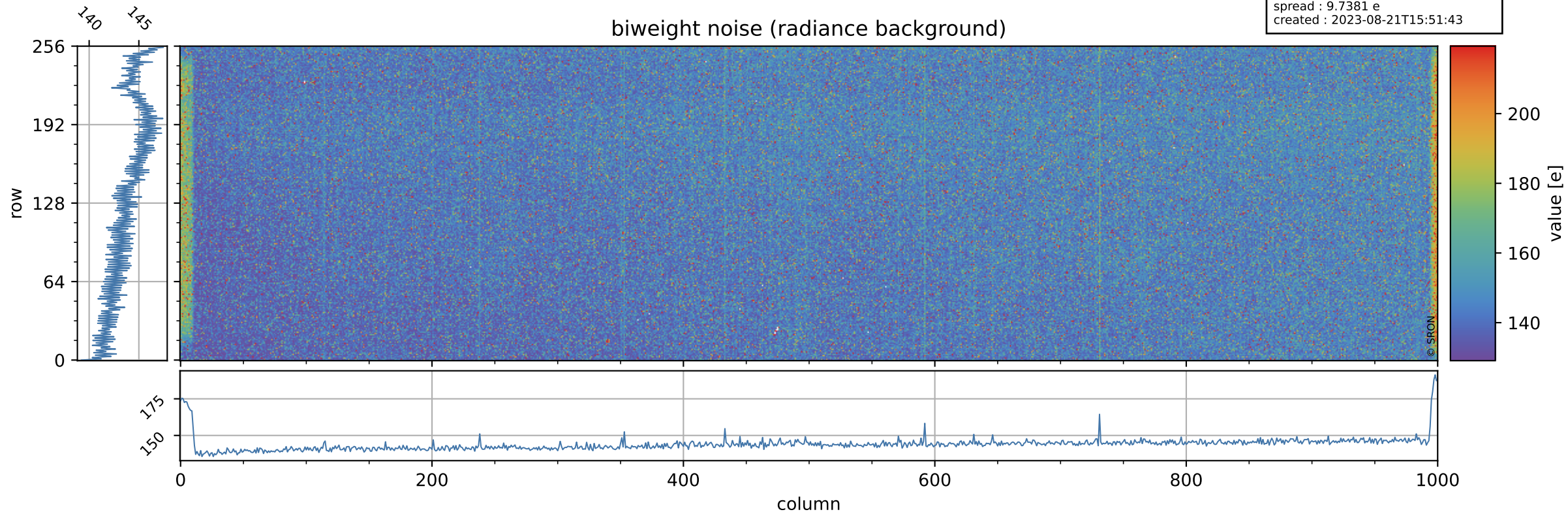
plain noise (radiance background)



Tropomi SWIR background noise (swir)

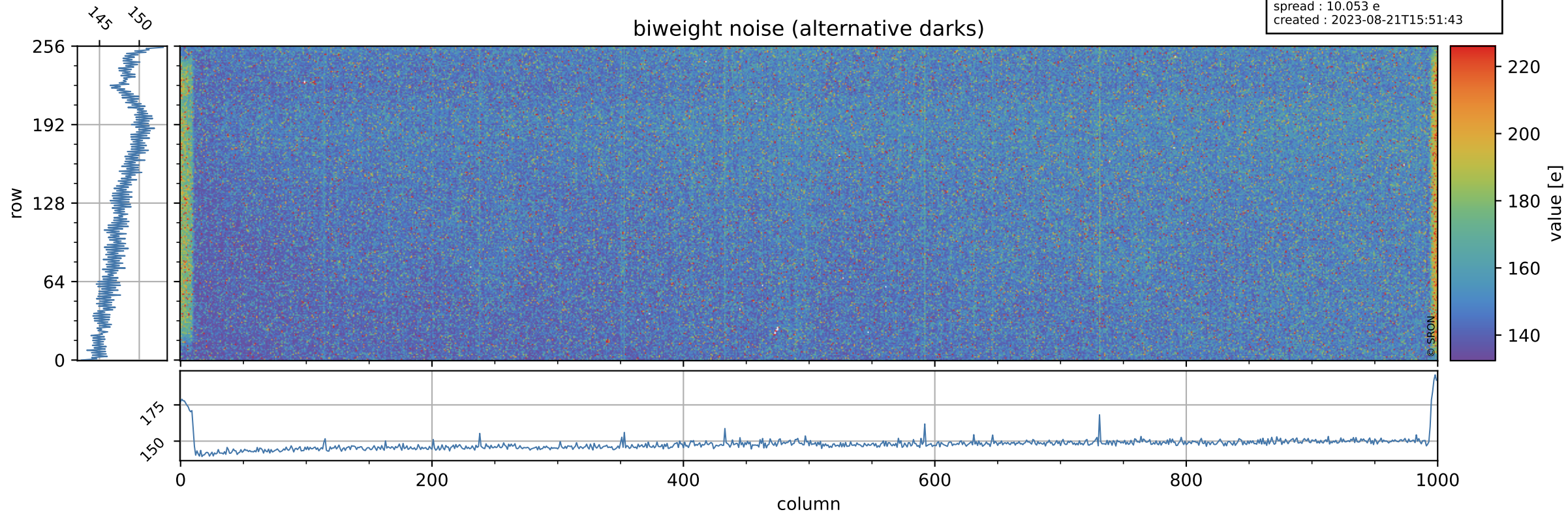
orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7381 e
created : 2023-08-21T15:51:43

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

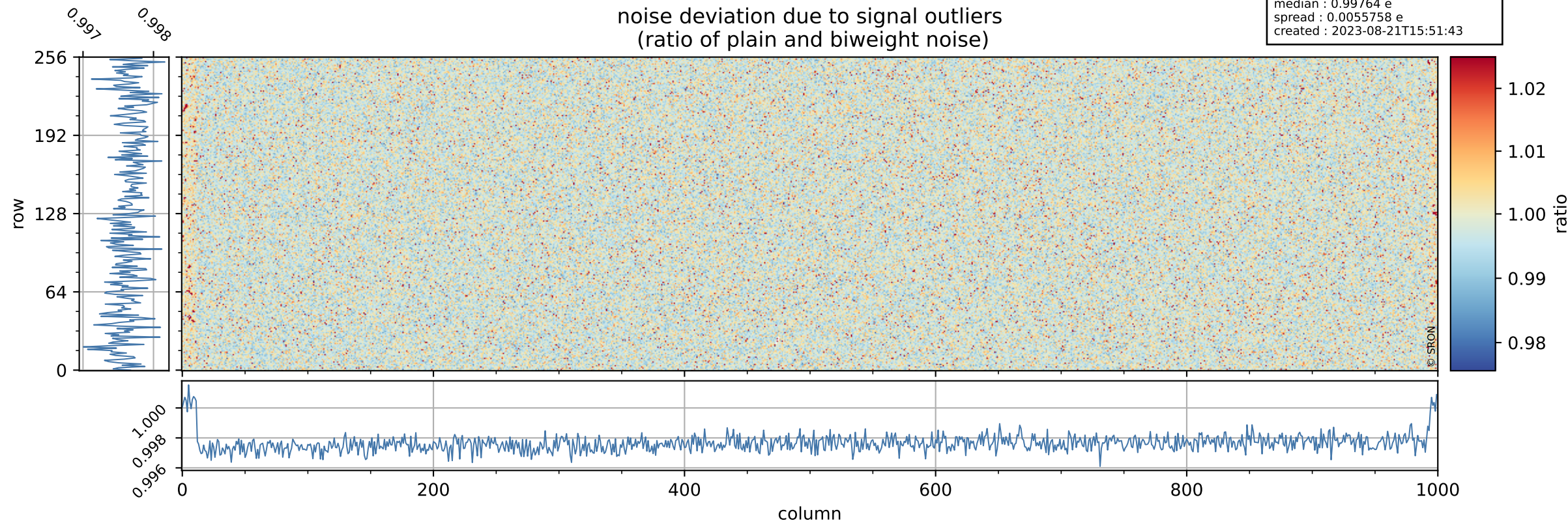
orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.053 e
created : 2023-08-21T15:51:43



Tropomi SWIR background noise (swir)

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

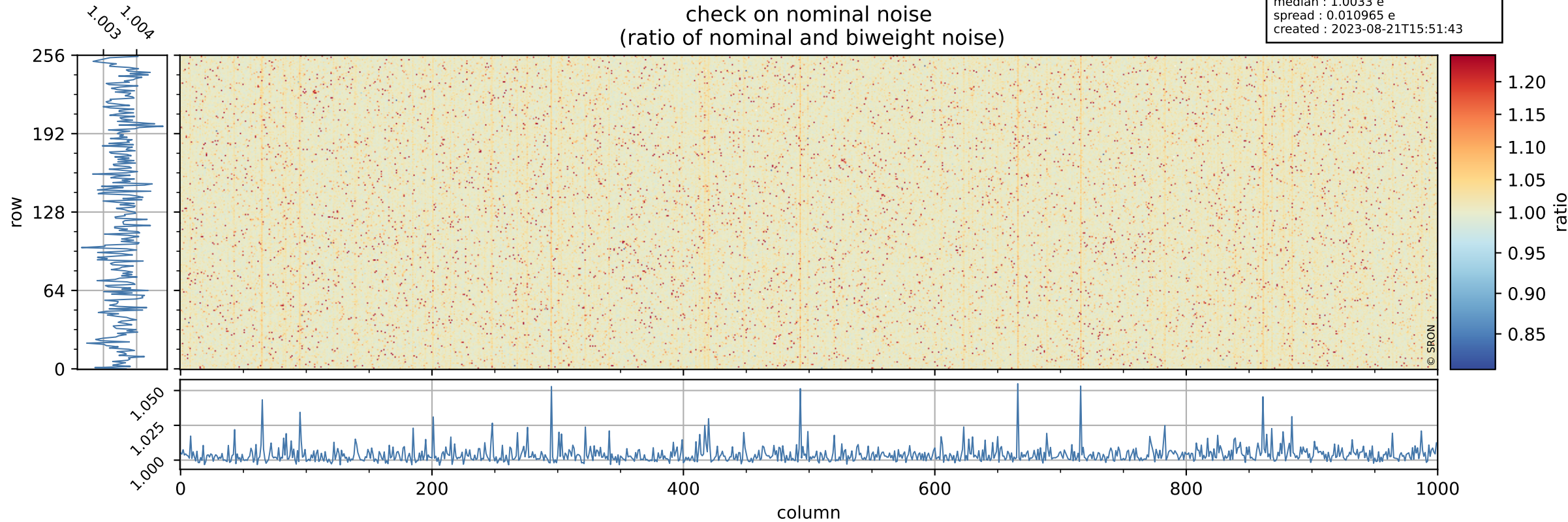
orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
median : 0.99764 e
spread : 0.0055758 e
created : 2023-08-21T15:51:43



Tropomi SWIR background noise (swir)

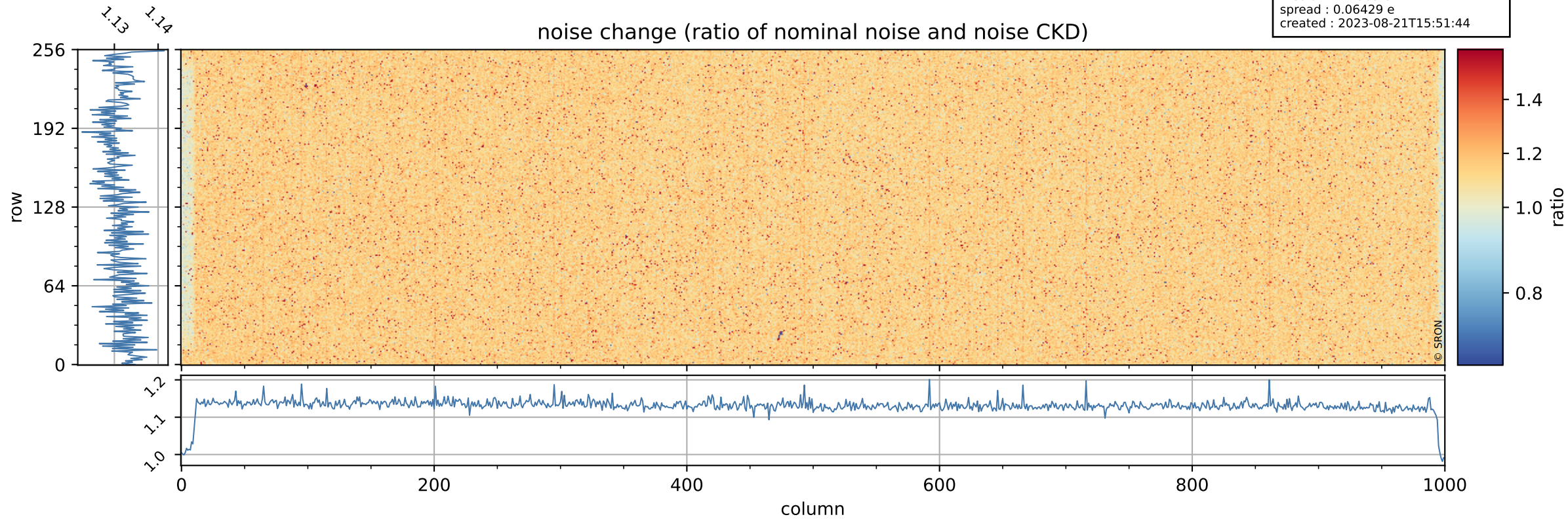
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
median : 1.0033 e
spread : 0.010965 e
created : 2023-08-21T15:51:43



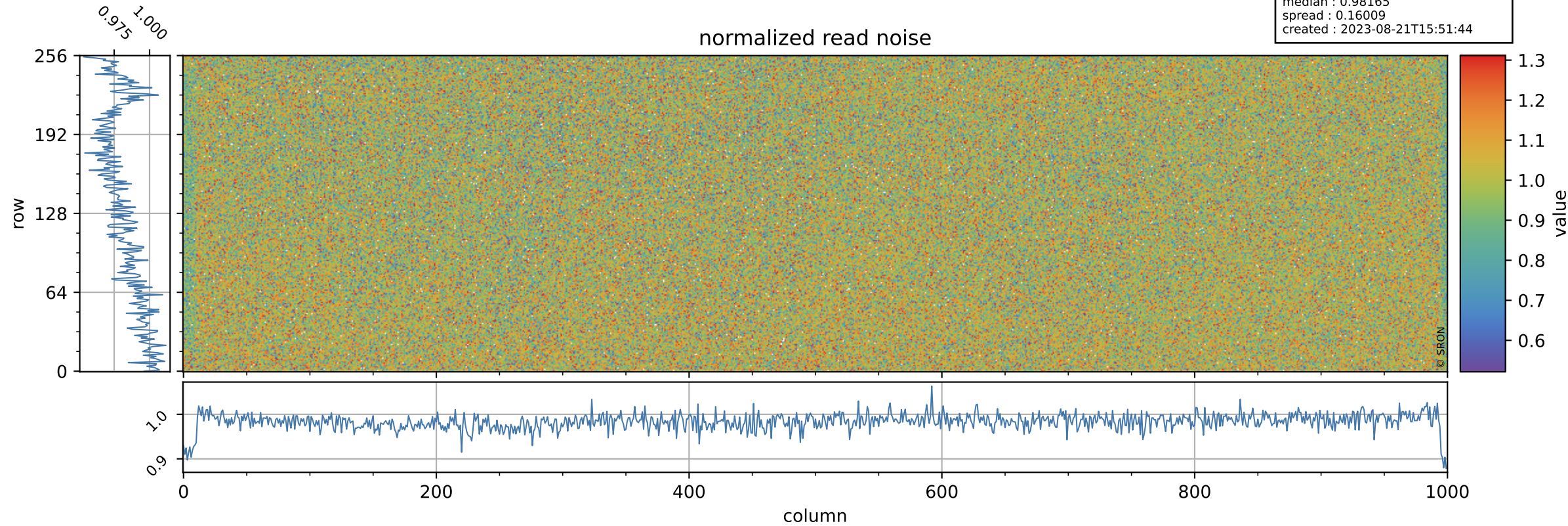
Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
median : 1.1305 e
spread : 0.06429 e
created : 2023-08-21T15:51:44



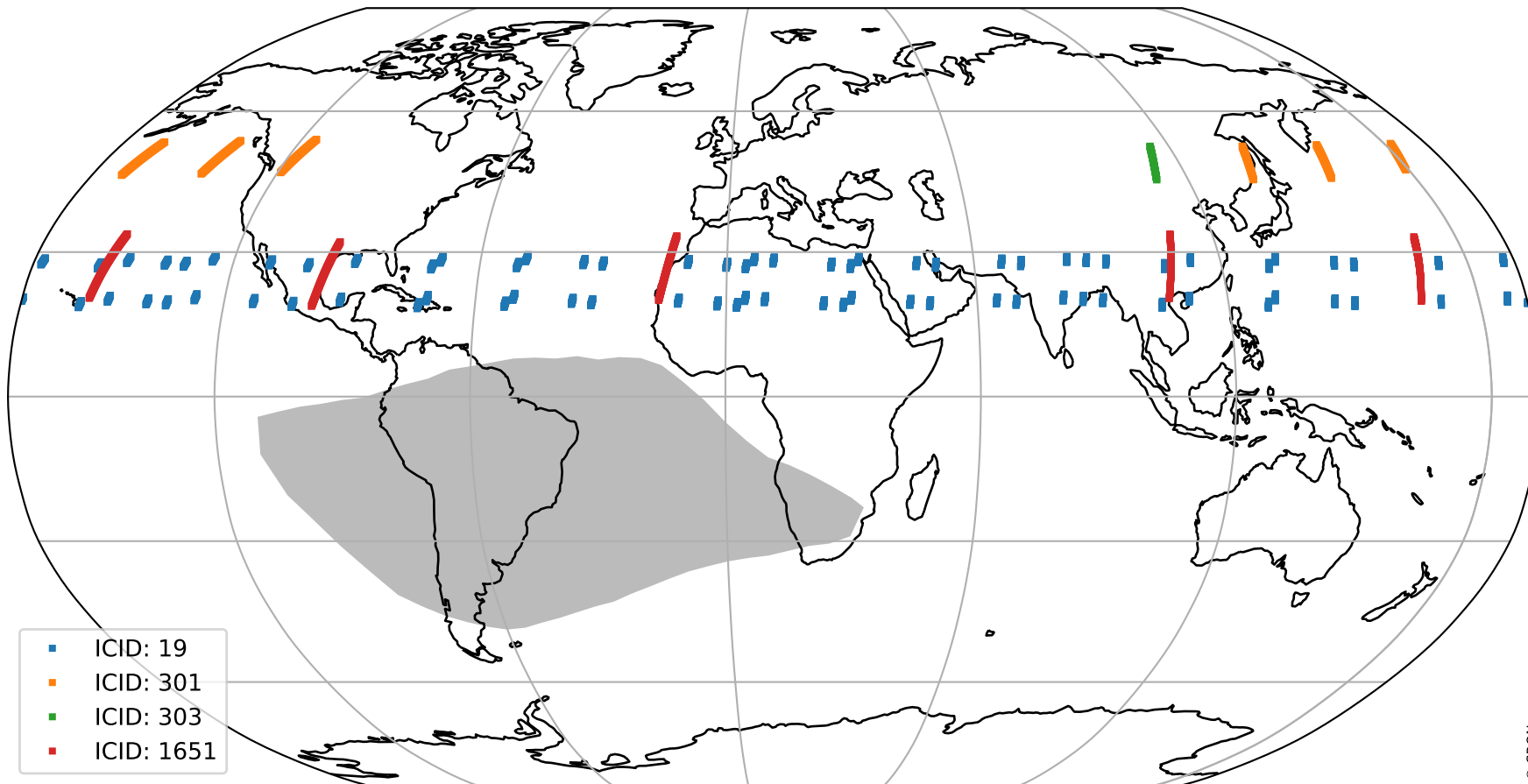
Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
median : 0.98165
spread : 0.16009
created : 2023-08-21T15:51:44



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

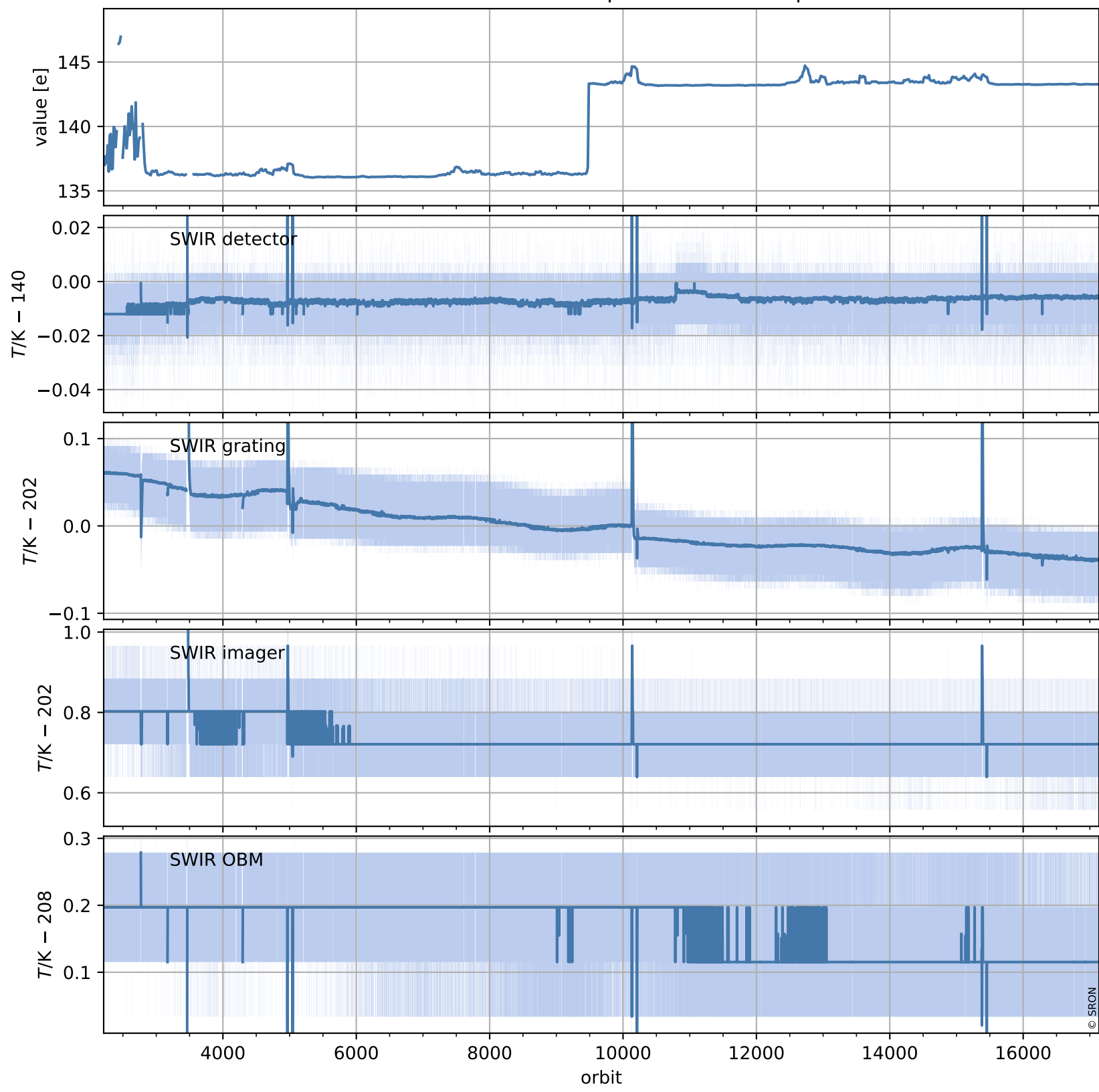
orbits : 12 in [17047, 17137]
coverage : 2021-01-27 / 2021-02-02
created : 2023-08-21T15:51:44



Tropomi SWIR background noise (swir)

orbits : [2212, 17137]
coverage : 2018-03-18 / 2021-02-02
created : 2023-08-21T15:51:45

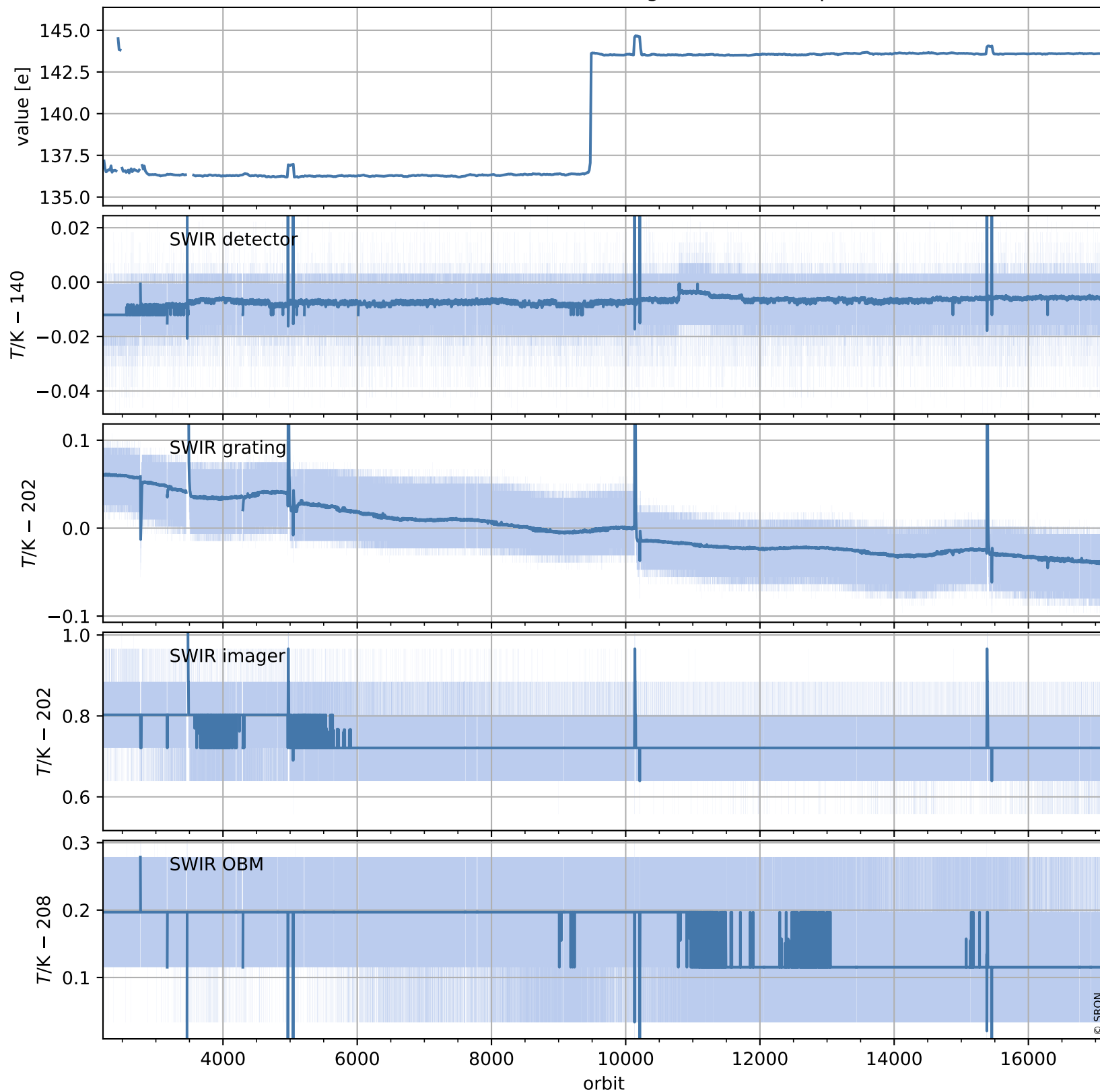
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17137]
coverage : 2018-03-18 / 2021-02-02
created : 2023-08-21T15:51:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17137]
coverage : 2018-03-18 / 2021-02-02
created : 2023-08-21T15:51:46

trend of normalized read-noise & temperatures

