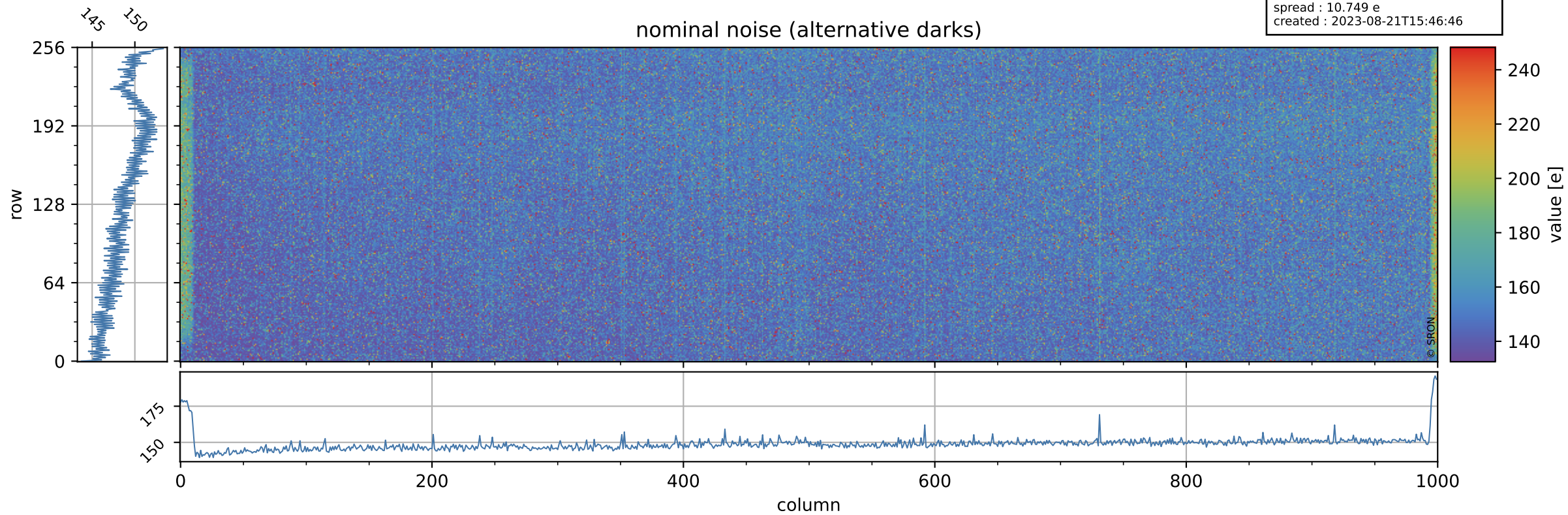


Tropomi SWIR background noise (swir)

orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.749 e
created : 2023-08-21T15:46:46

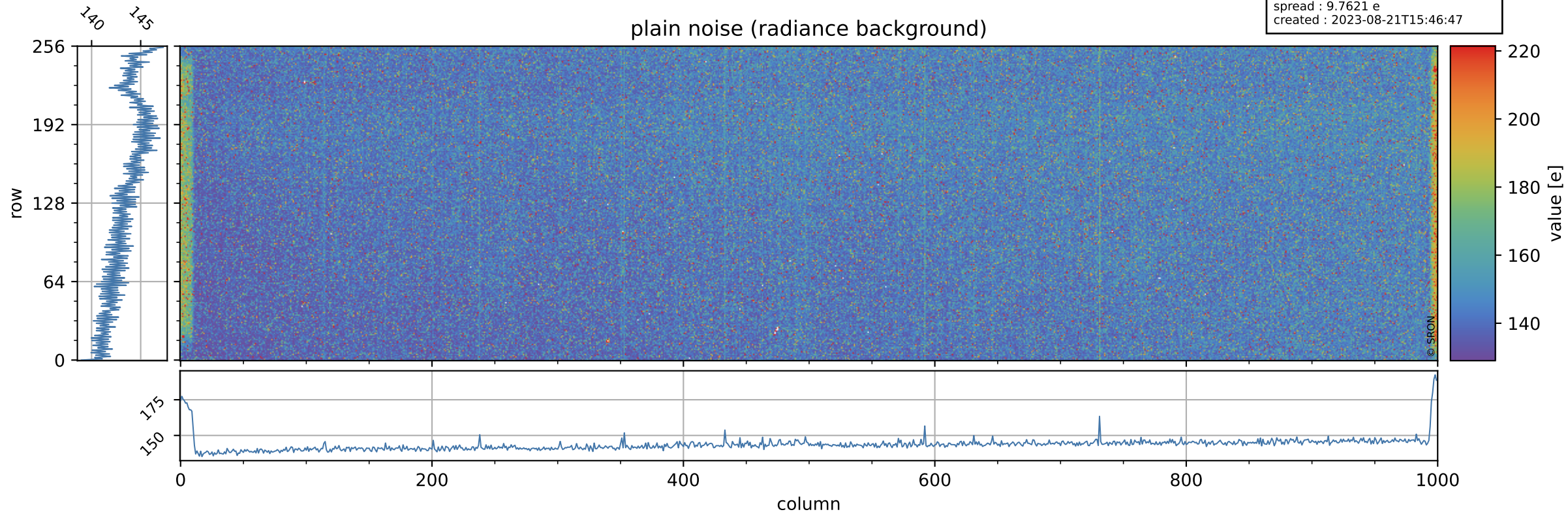
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7621 e
created : 2023-08-21T15:46:47

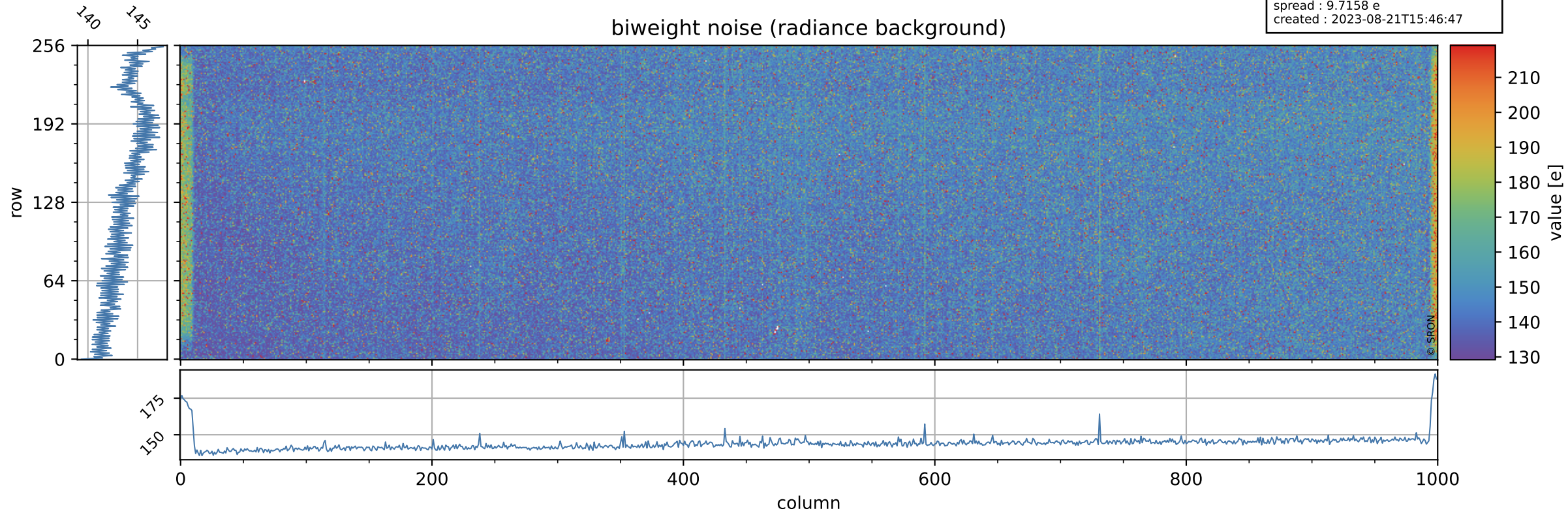
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7158 e
created : 2023-08-21T15:46:47

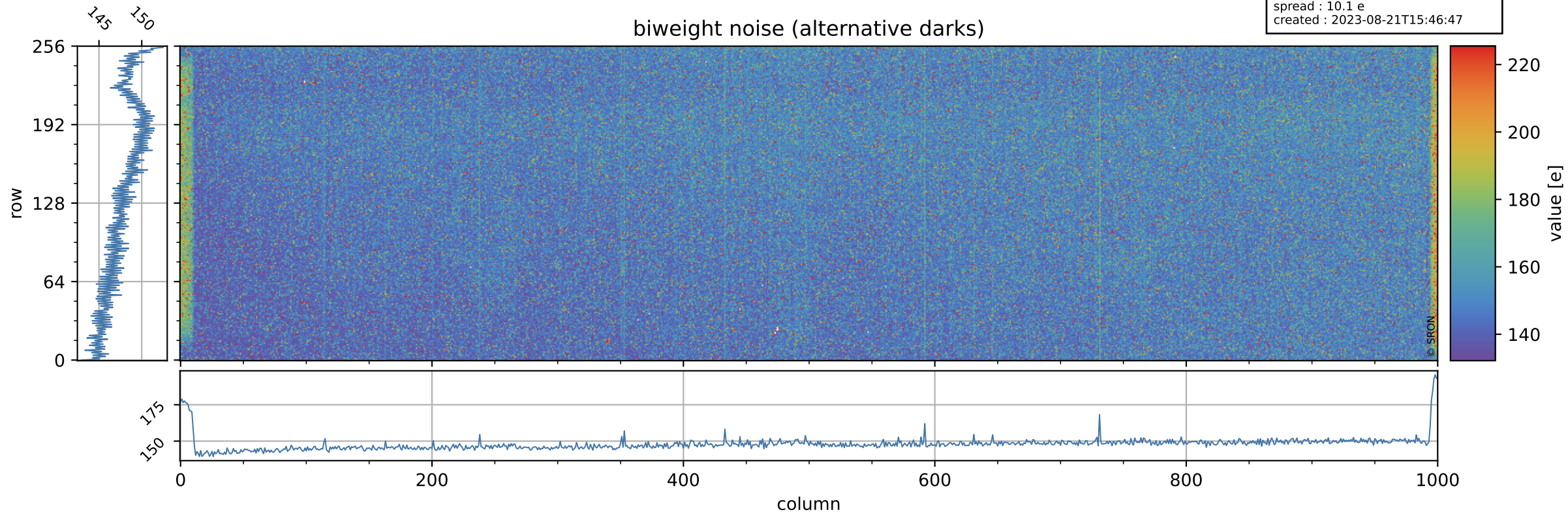
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.1 e
created : 2023-08-21T15:46:47

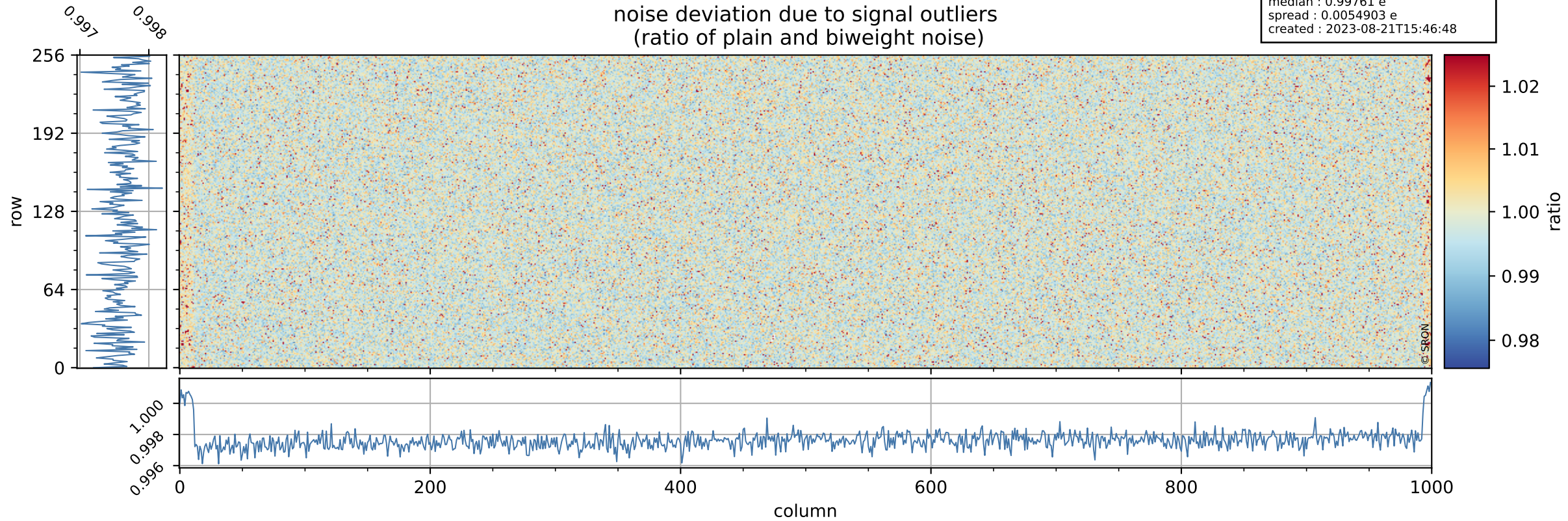
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

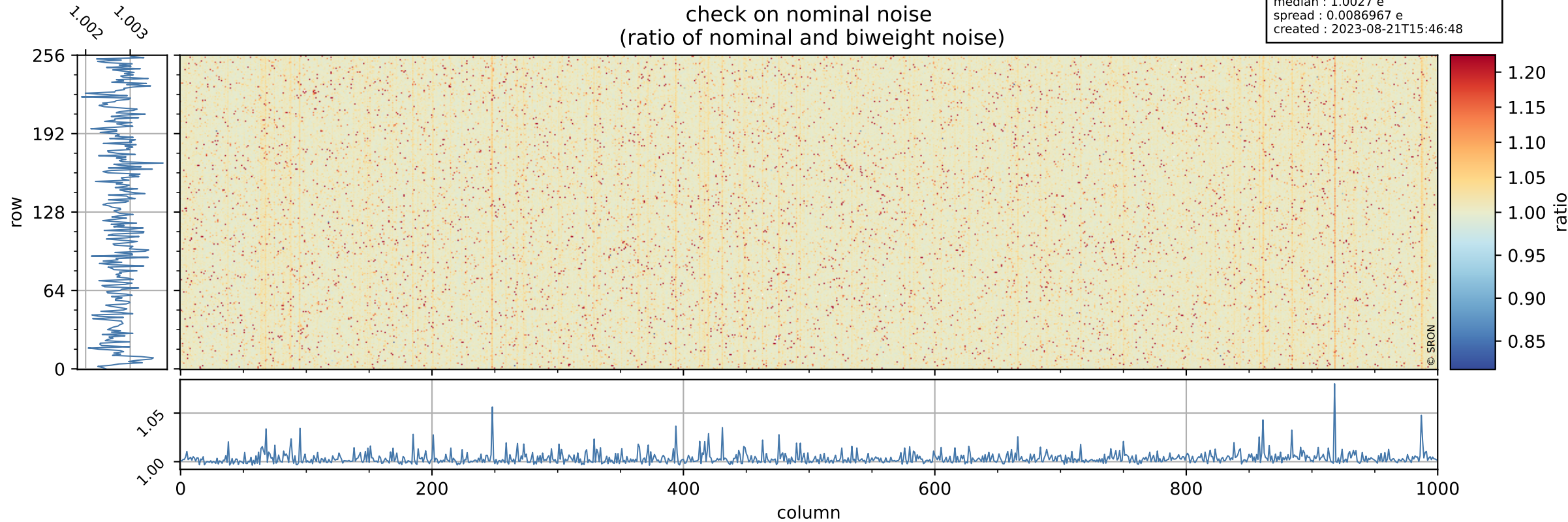
orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
median : 0.99761 e
spread : 0.0054903 e
created : 2023-08-21T15:46:48



Tropomi SWIR background noise (swir)

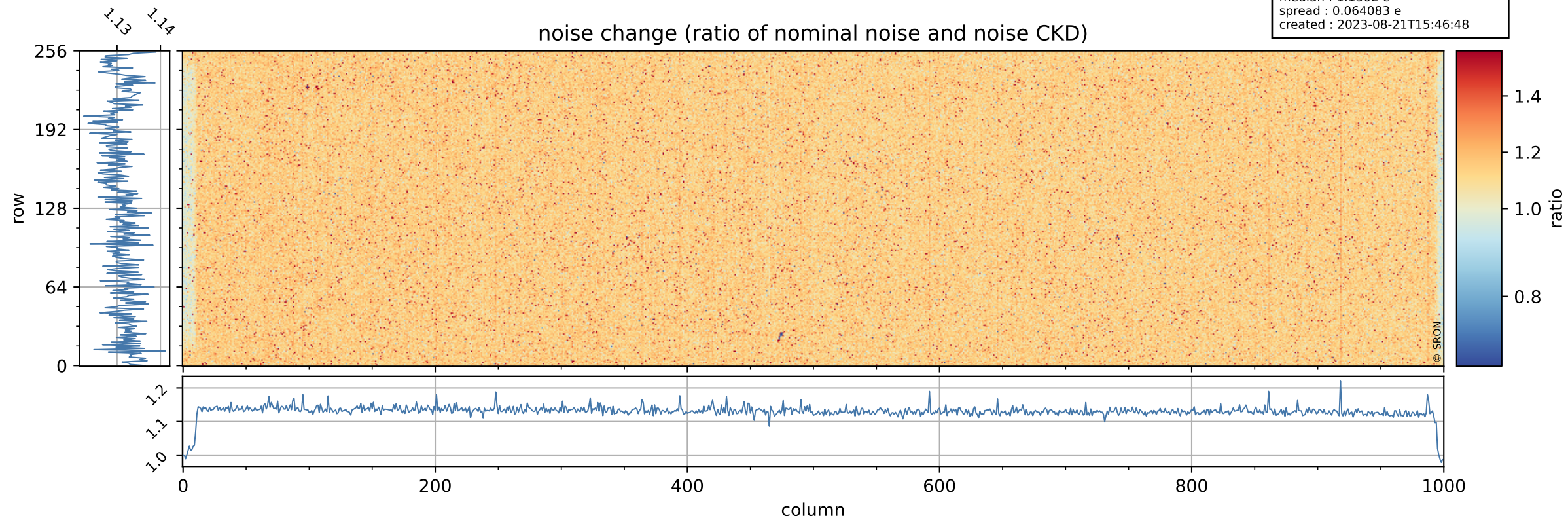
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
median : 1.0027 e
spread : 0.0086967 e
created : 2023-08-21T15:46:48



Tropomi SWIR background noise (swir)

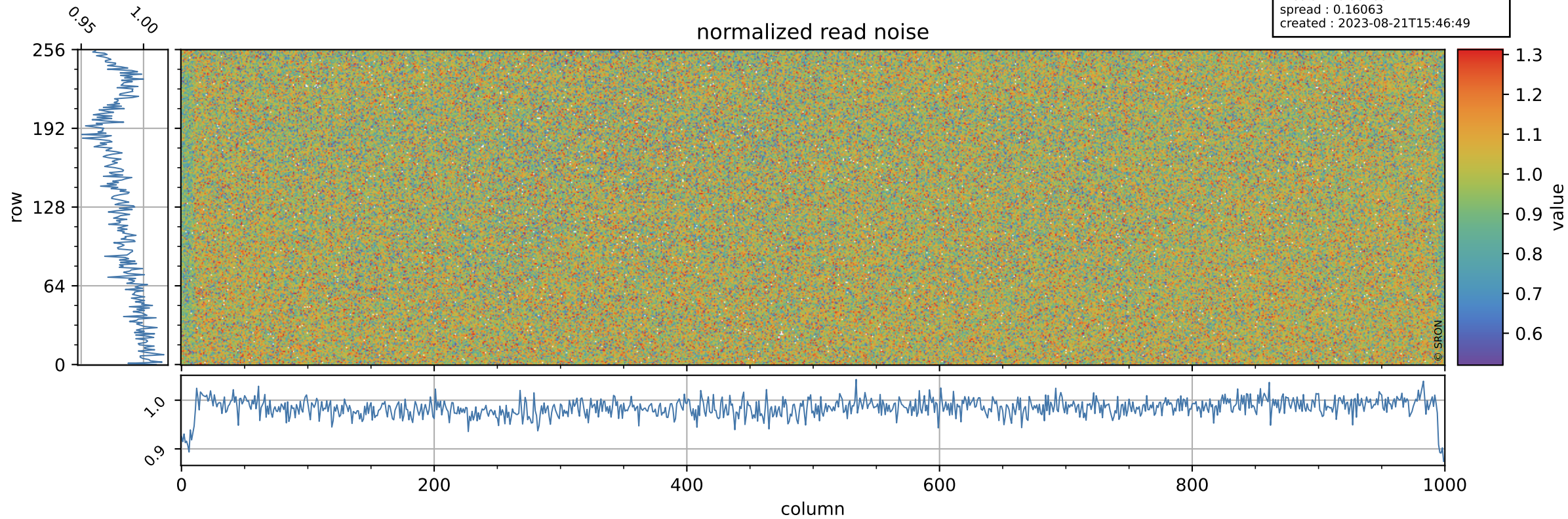
orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
median : 1.1302 e
spread : 0.064083 e
created : 2023-08-21T15:46:48



Tropomi SWIR background noise (swir)

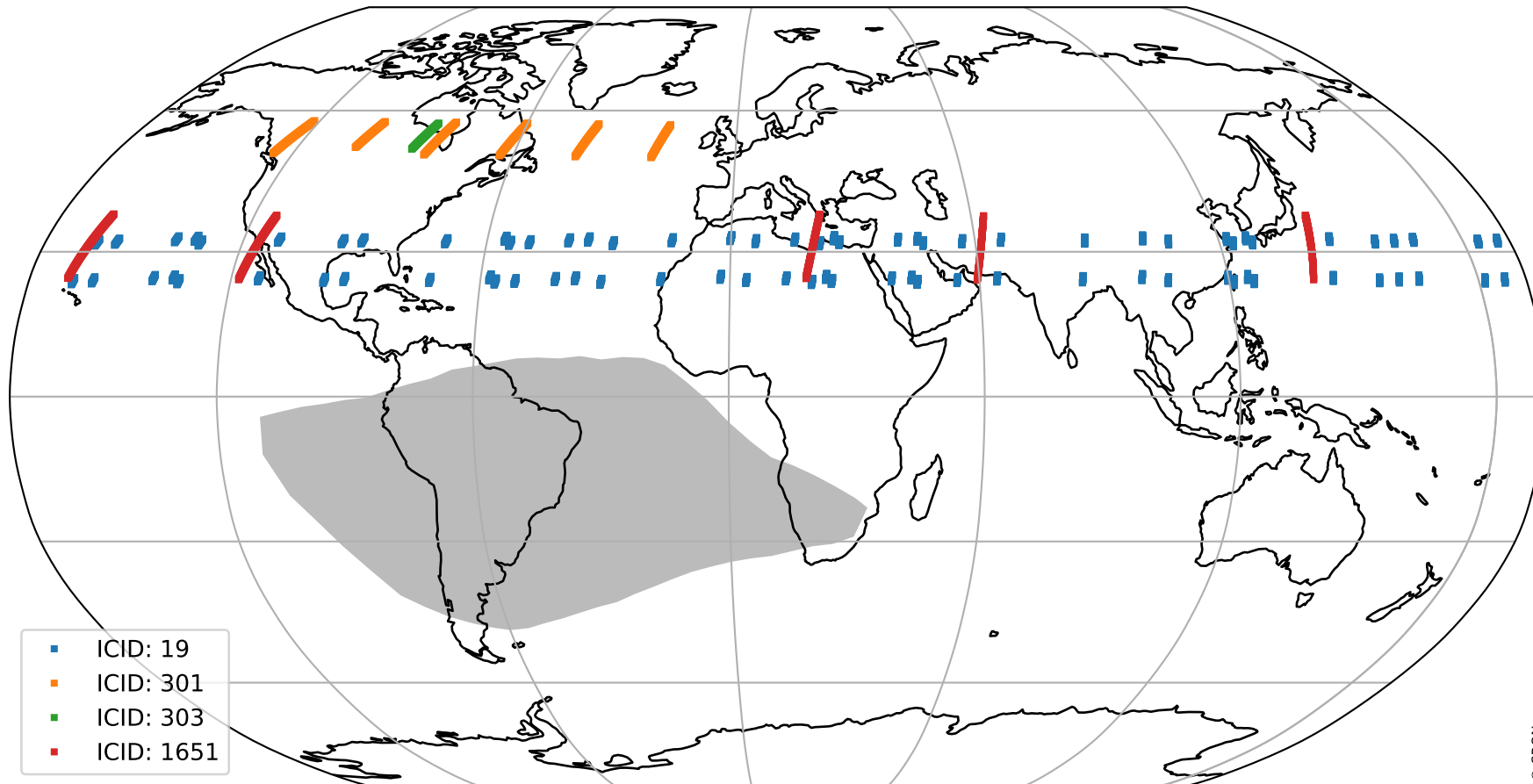
orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
median : 0.98288
spread : 0.16063
created : 2023-08-21T15:46:49

normalized read noise



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

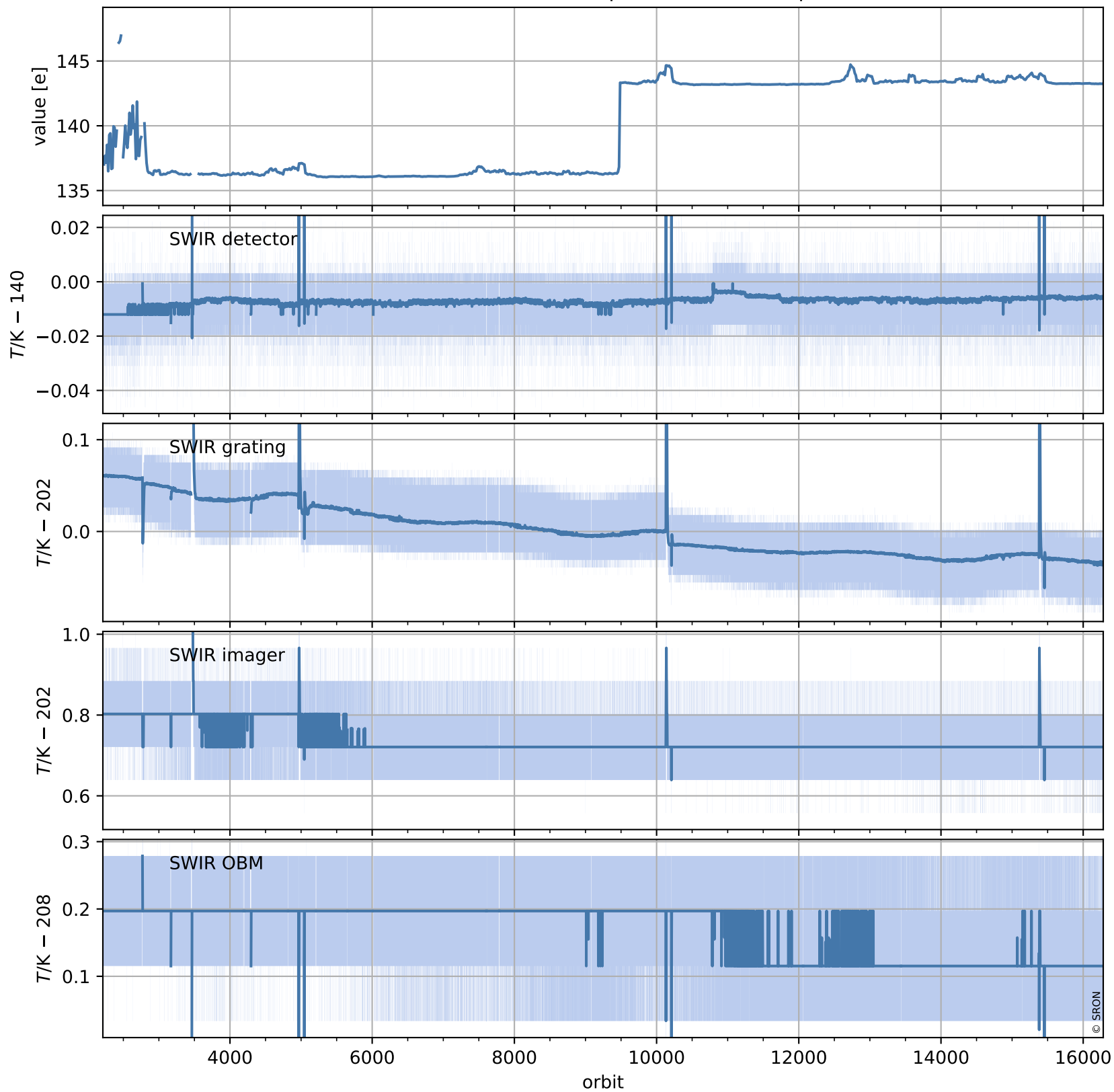
orbits : 12 in [16192, 16282]
coverage : 2020-11-28 / 2020-12-03
created : 2023-08-21T15:46:49



Tropomi SWIR background noise (swir)

orbits : [2212, 16282]
coverage : 2018-03-18 / 2020-12-03
created : 2023-08-21T15:46:49

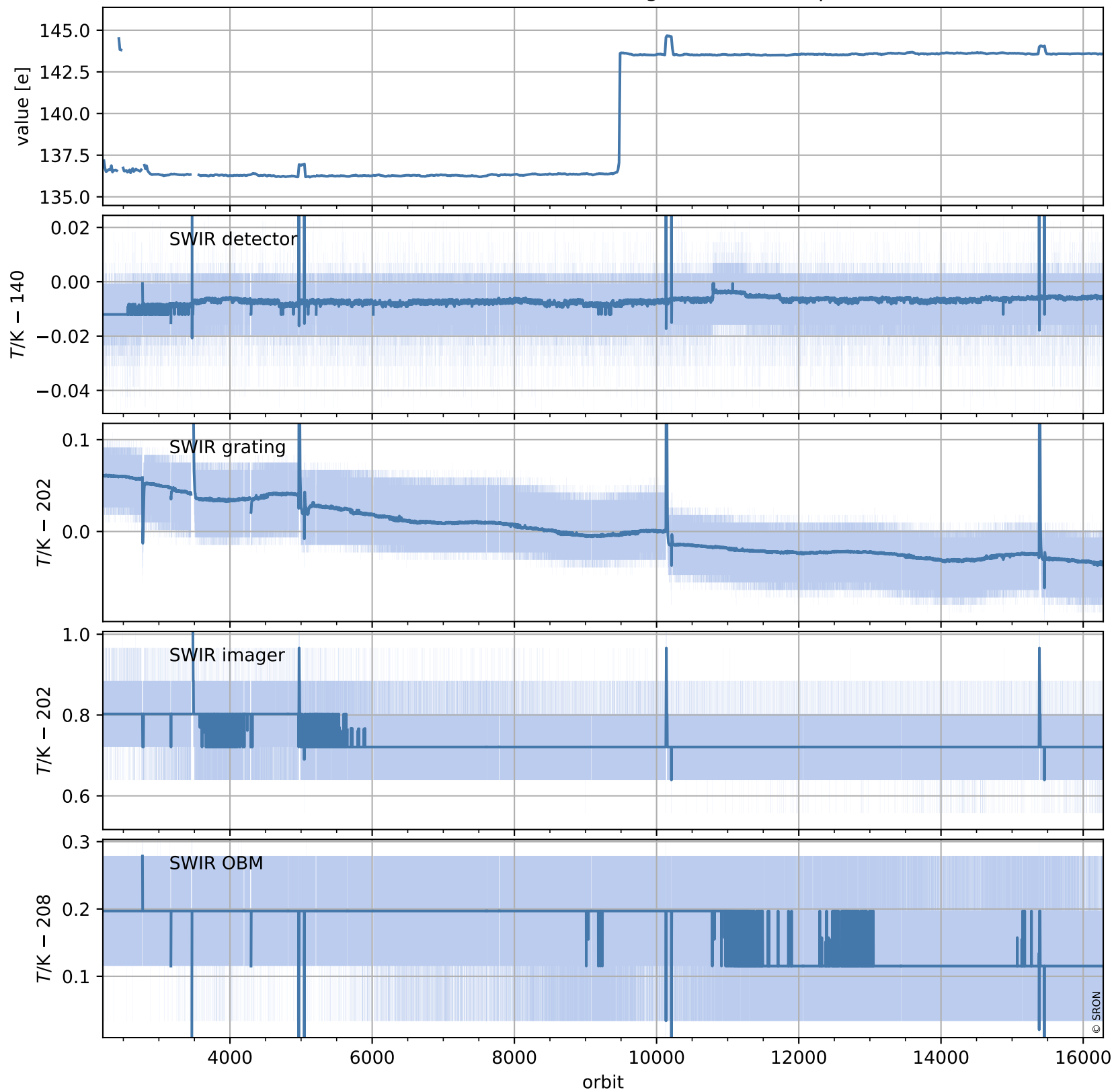
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16282]
coverage : 2018-03-18 / 2020-12-03
created : 2023-08-21T15:46:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16282]
coverage : 2018-03-18 / 2020-12-03
created : 2023-08-21T15:46:51

trend of normalized read-noise & temperatures

