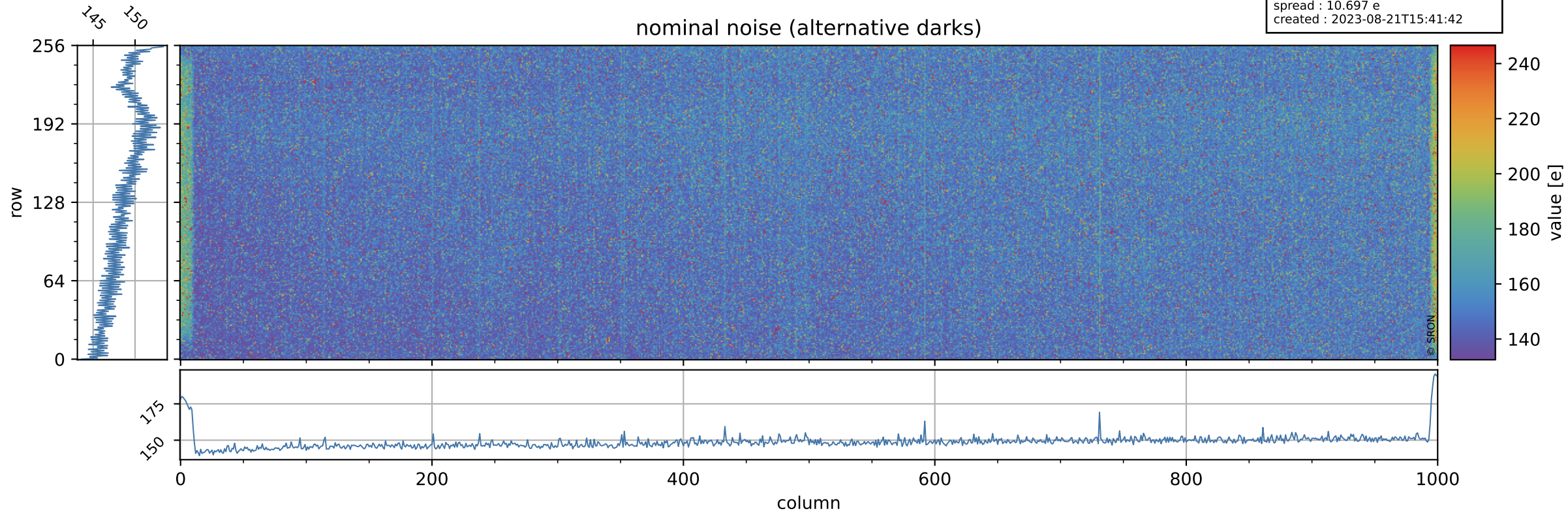


Tropomi SWIR background noise (swir)

orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.697 e
created : 2023-08-21T15:41:42

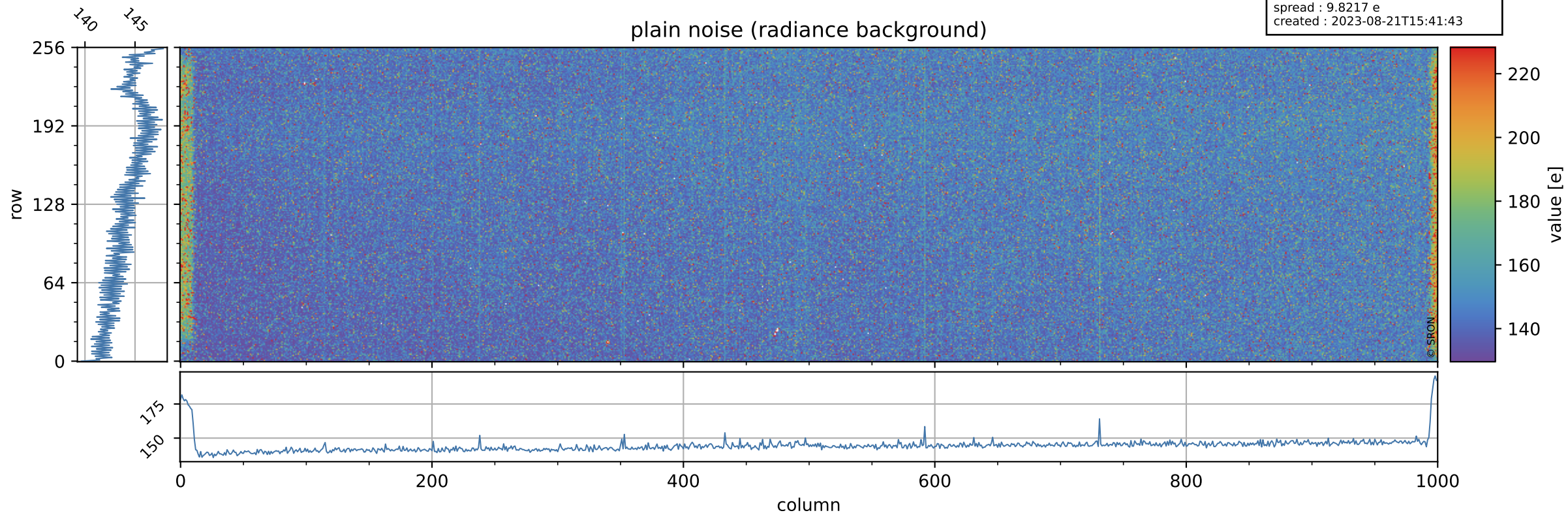
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
n_coad, t_exp : 1, 0.8383
median : 144.11 e
spread : 9.8217 e
created : 2023-08-21T15:41:43

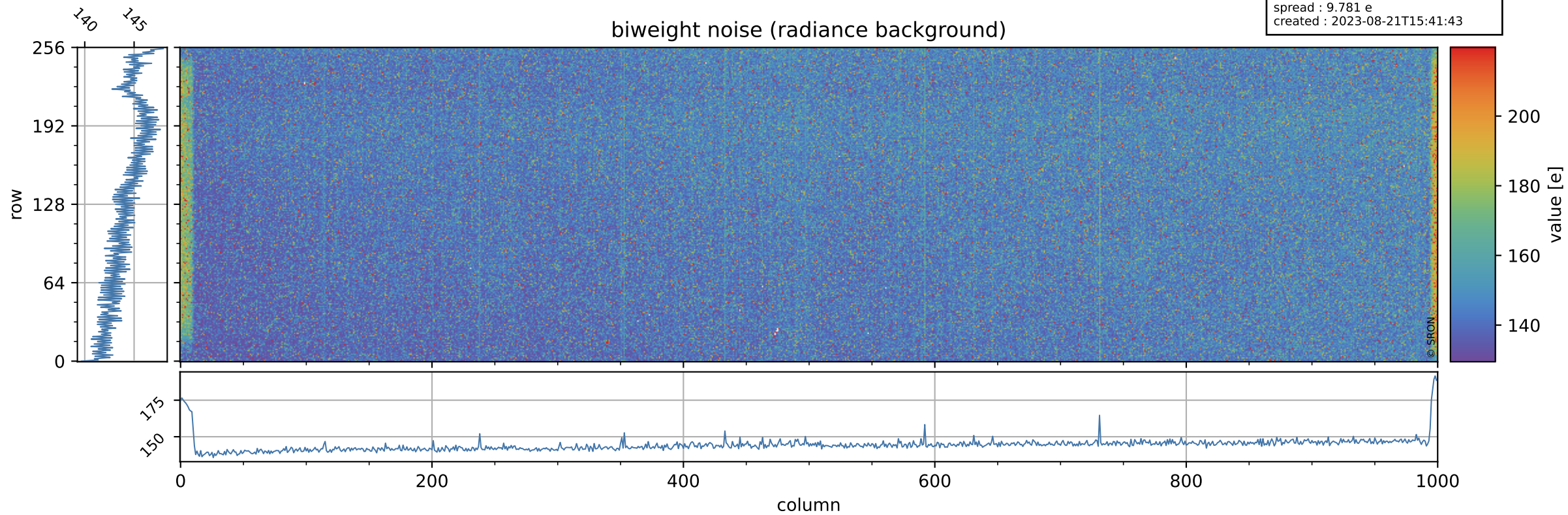
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
n_coad, t_exp : 1, 0.8383
median : 144.16 e
spread : 9.781 e
created : 2023-08-21T15:41:43

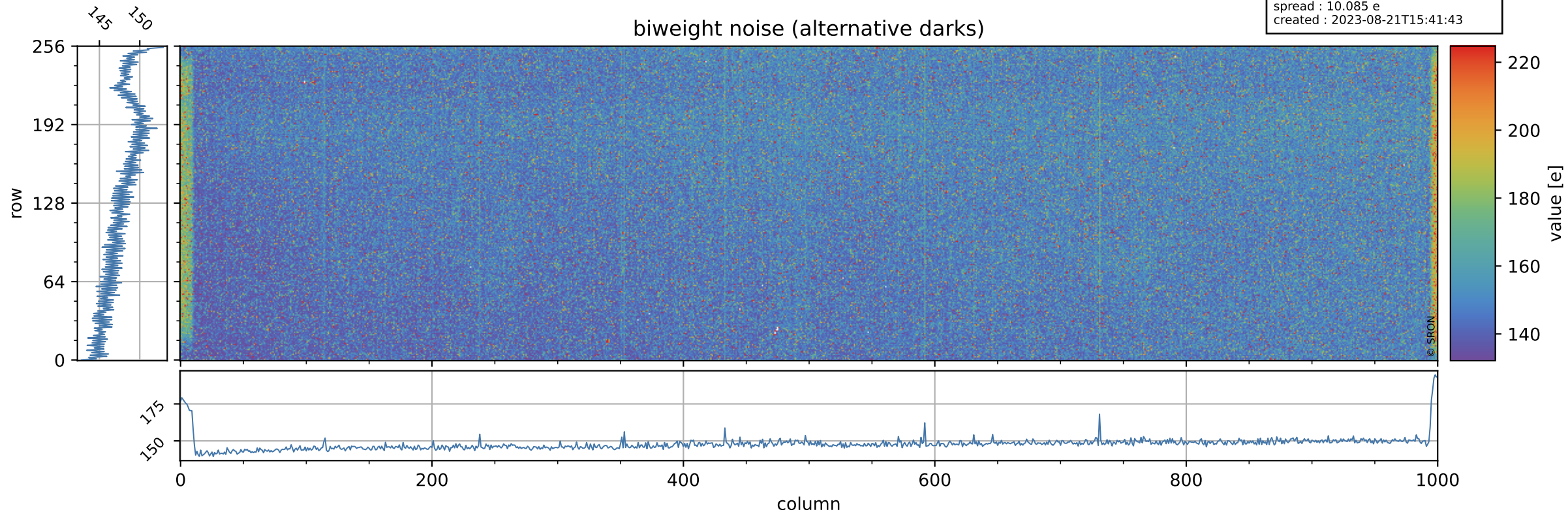
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.085 e
created : 2023-08-21T15:41:43

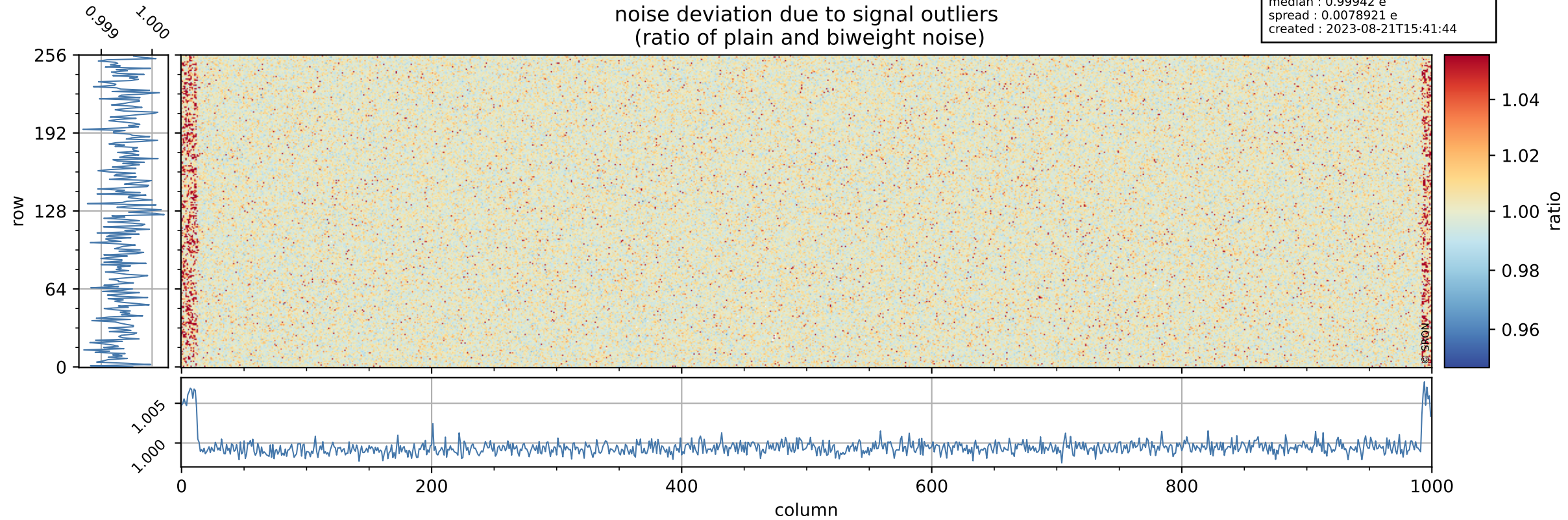
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

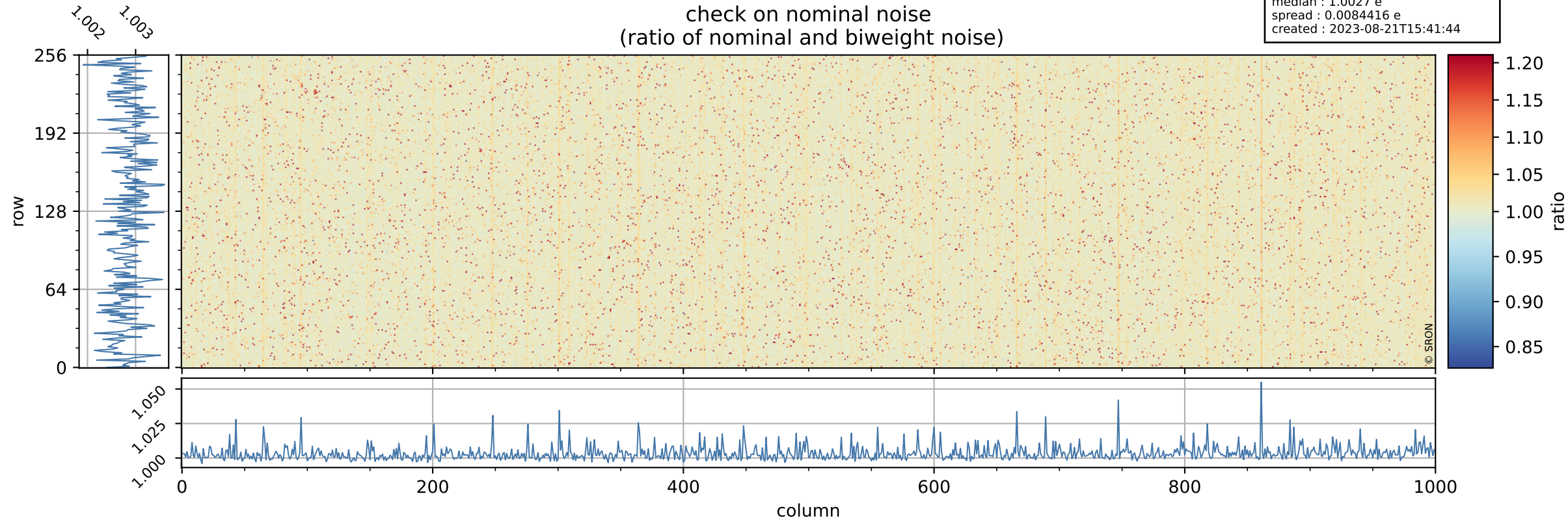
orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
median : 0.99942 e
spread : 0.0078921 e
created : 2023-08-21T15:41:44



Tropomi SWIR background noise (swir)

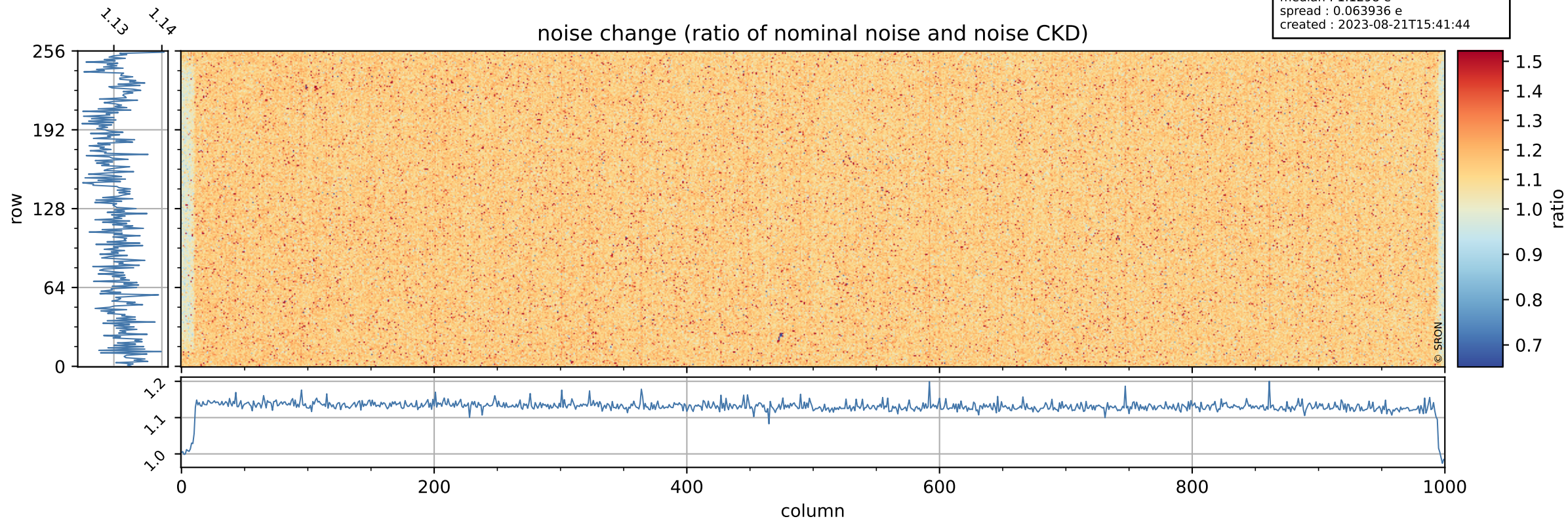
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
median : 1.0027 e
spread : 0.0084416 e
created : 2023-08-21T15:41:44



Tropomi SWIR background noise (swir)

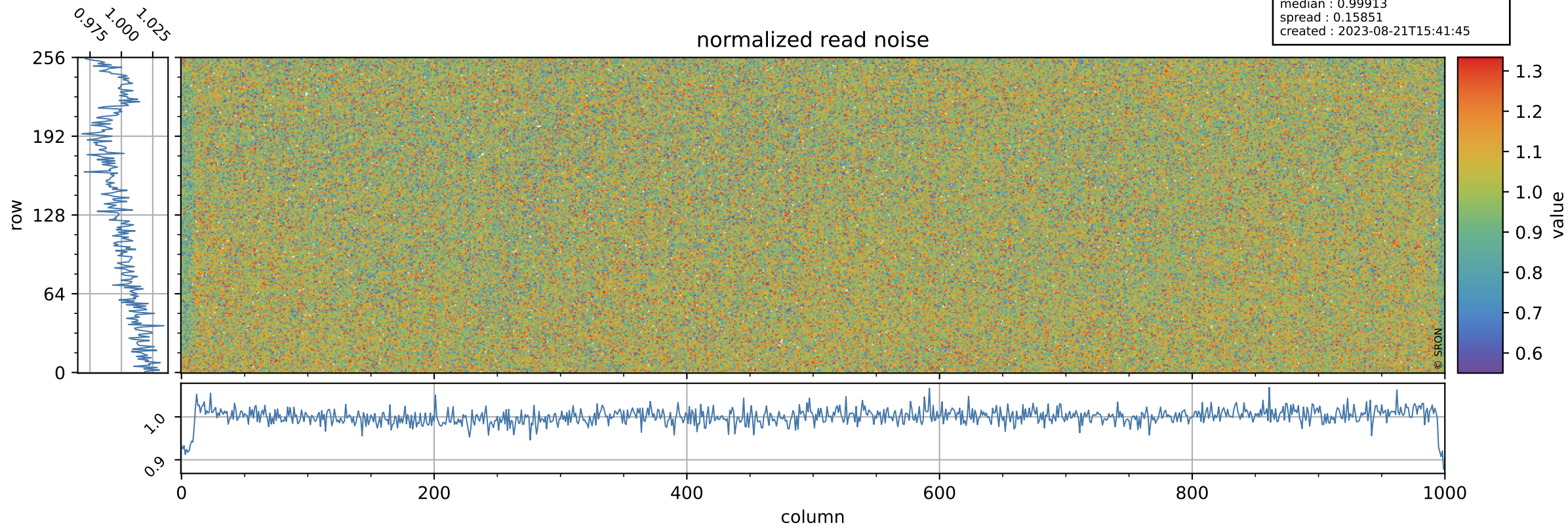
orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
median : 1.1298 e
spread : 0.063936 e
created : 2023-08-21T15:41:44



Tropomi SWIR background noise (swir)

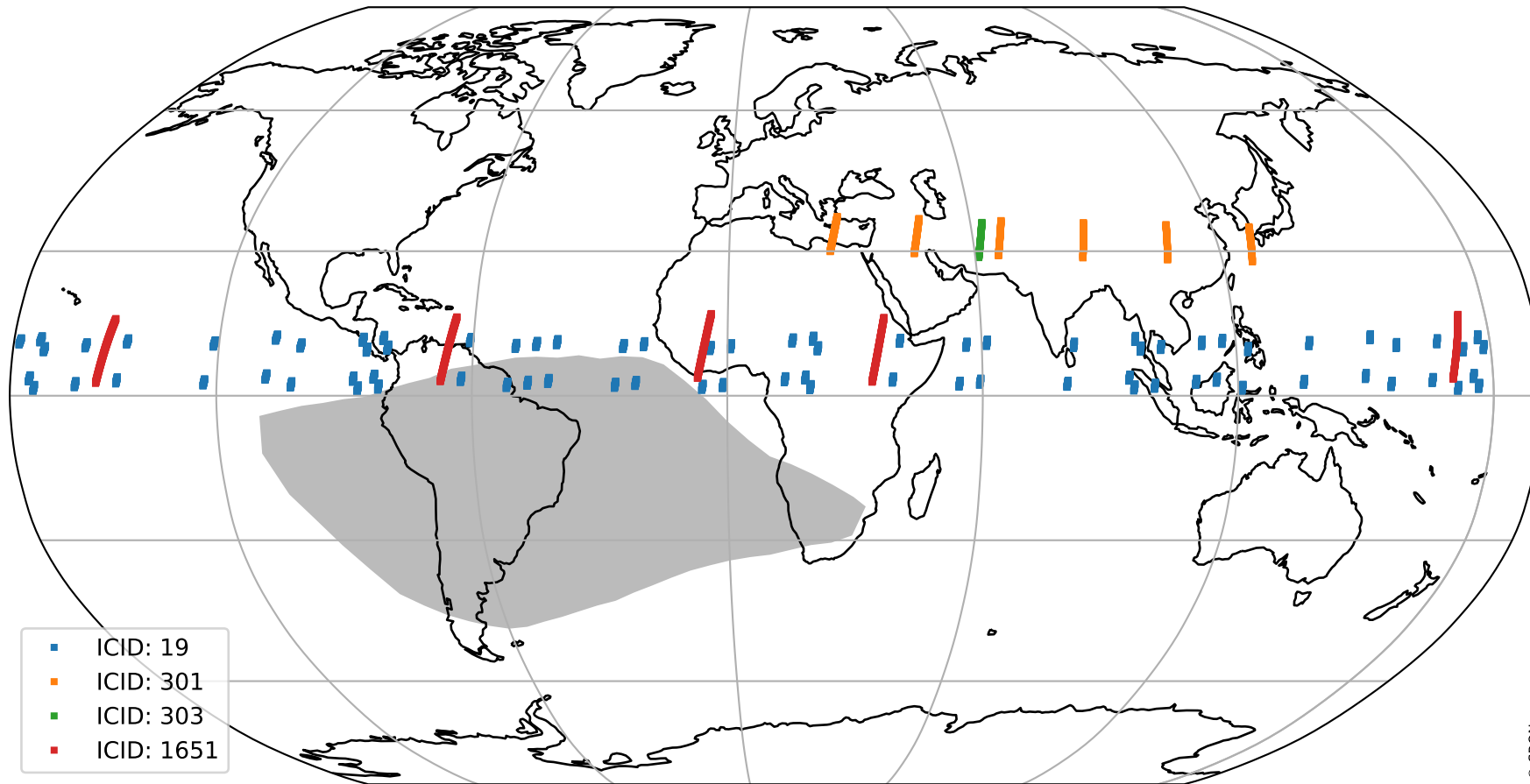
orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
median : 0.99913
spread : 0.15851
created : 2023-08-21T15:41:45

normalized read noise



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

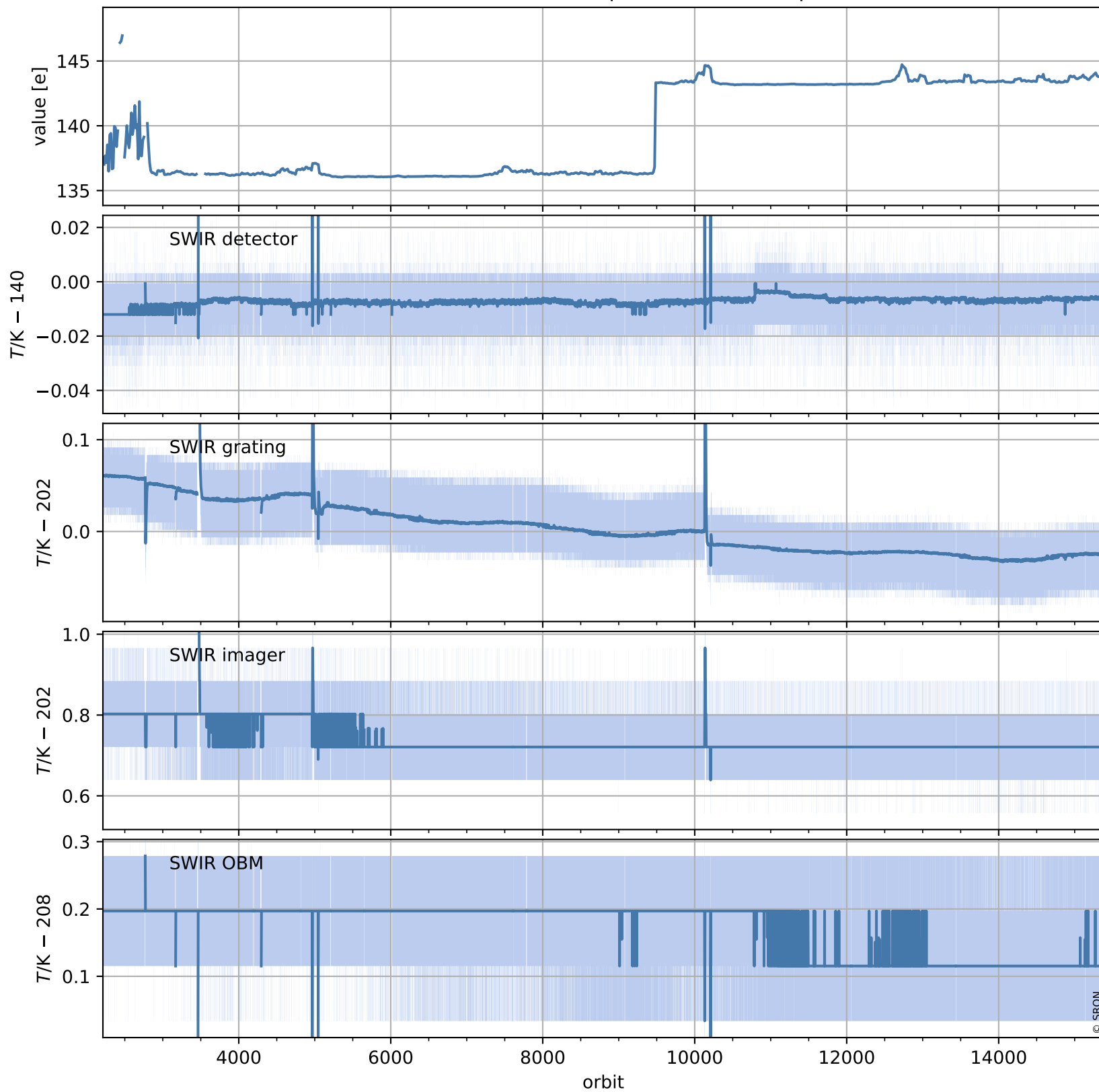
orbits : 12 in [15292, 15382]
coverage : 2020-09-25 / 2020-10-01
created : 2023-08-21T15:41:45



Tropomi SWIR background noise (swir)

orbits : [2212, 15382]
coverage : 2018-03-18 / 2020-10-01
created : 2023-08-21T15:41:45

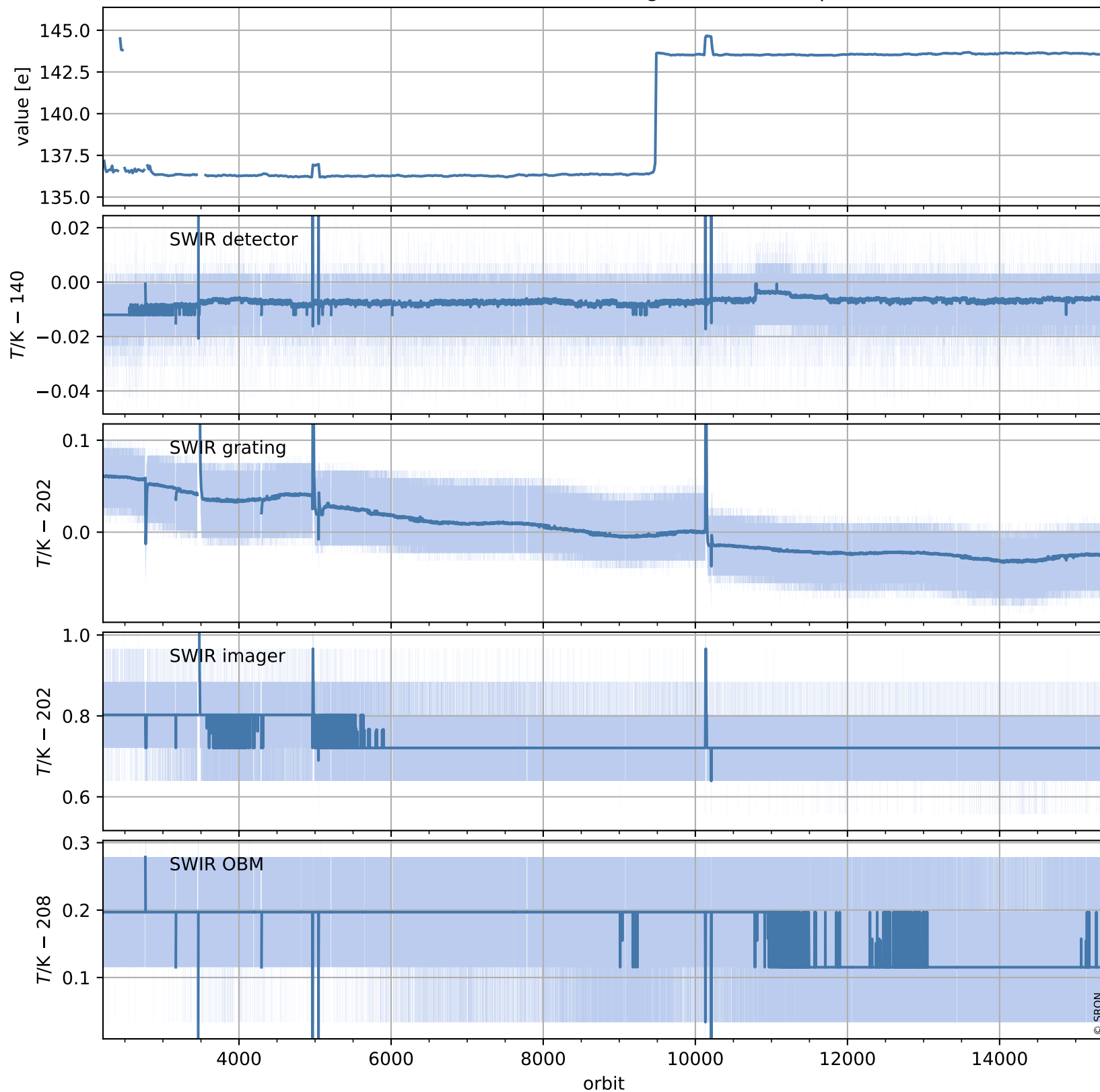
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15382]
coverage : 2018-03-18 / 2020-10-01
created : 2023-08-21T15:41:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15382]
coverage : 2018-03-18 / 2020-10-01
created : 2023-08-21T15:41:47

trend of normalized read-noise & temperatures

