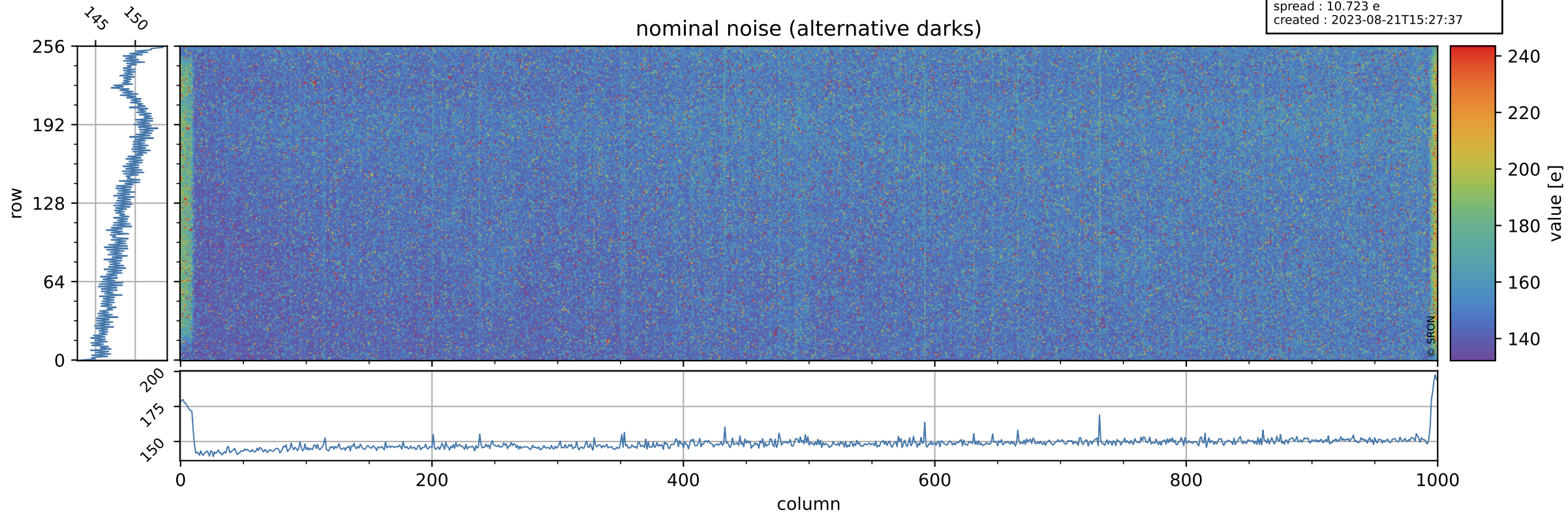


Tropomi SWIR background noise (swir)

orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.723 e
created : 2023-08-21T15:27:37

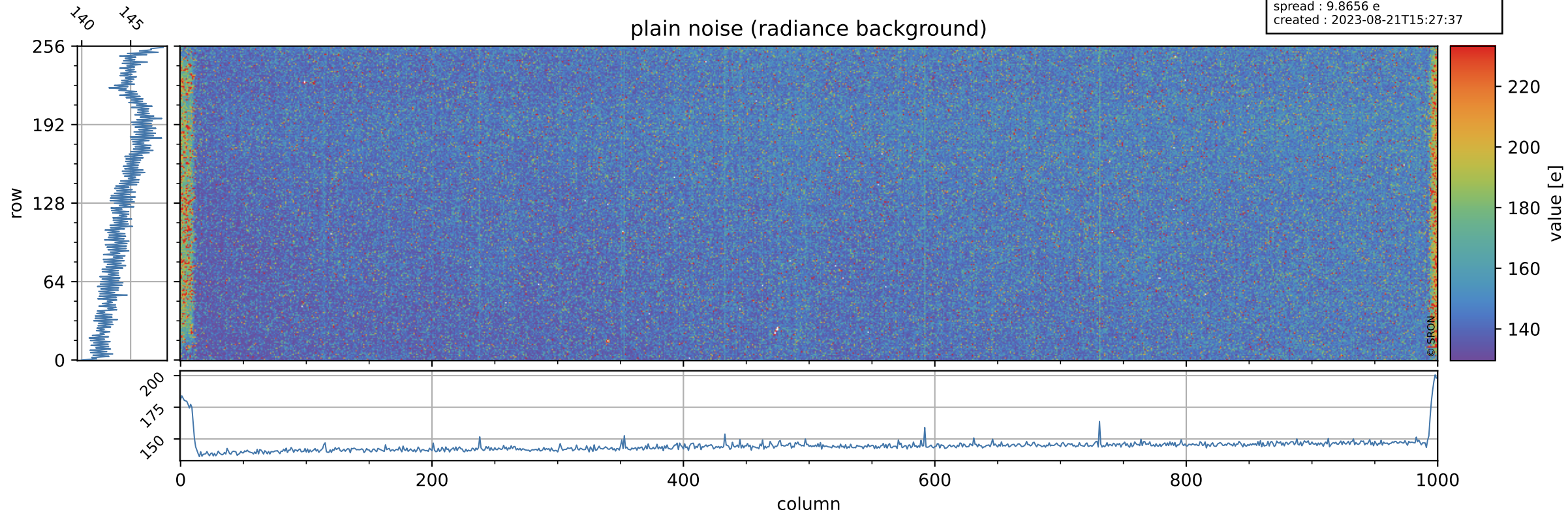
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
n_coad, t_exp : 1, 0.8383
median : 144.22 e
spread : 9.8656 e
created : 2023-08-21T15:27:37

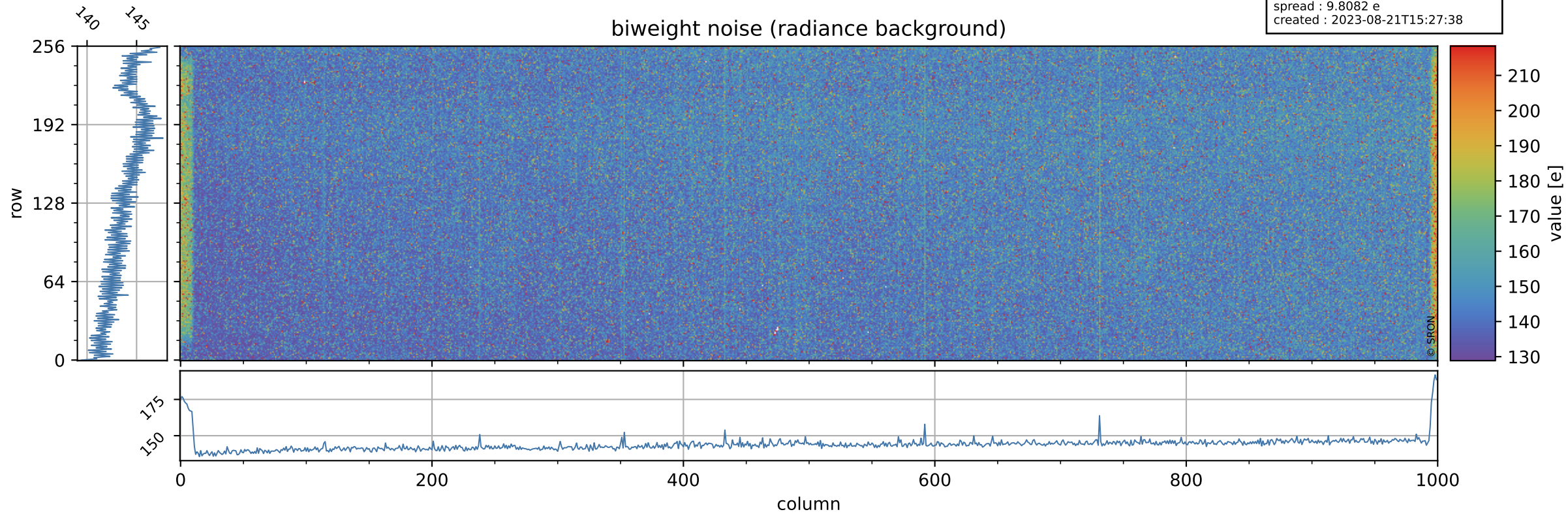
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8082 e
created : 2023-08-21T15:27:38

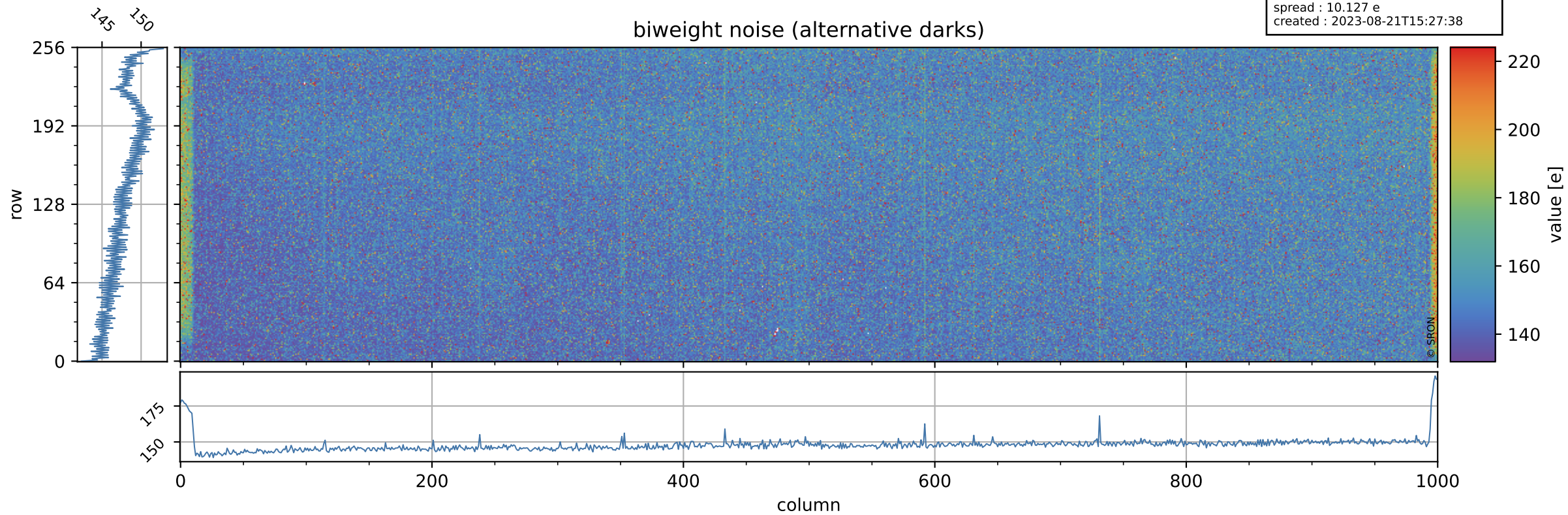
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.127 e
created : 2023-08-21T15:27:38

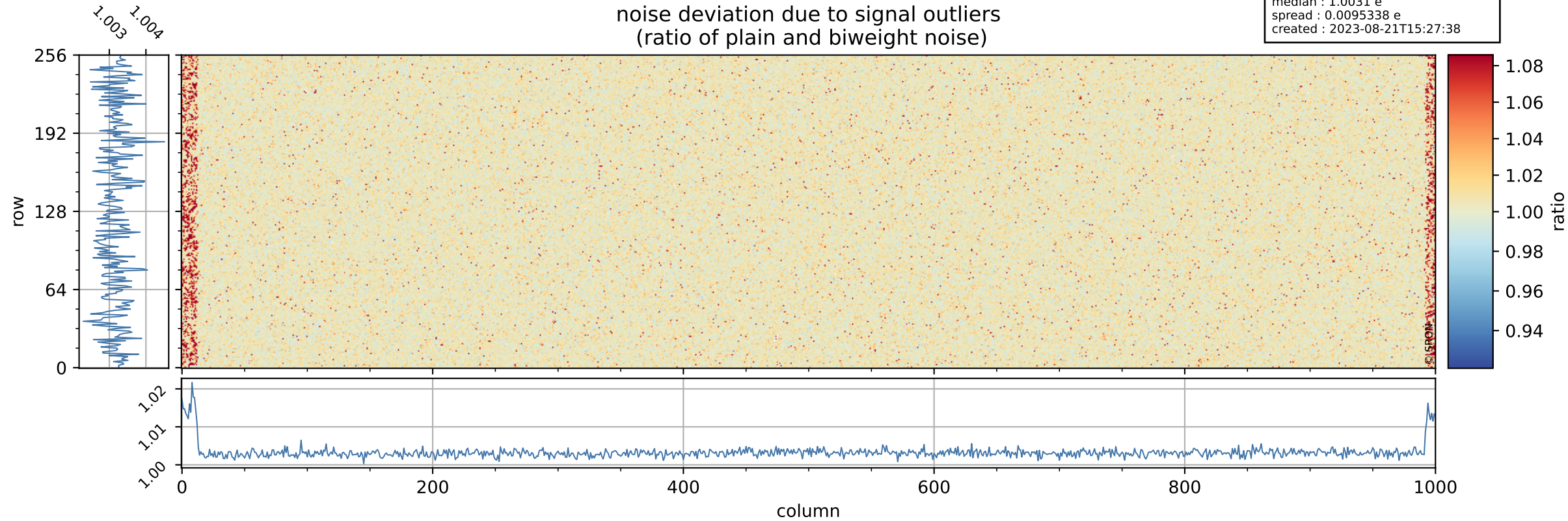
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

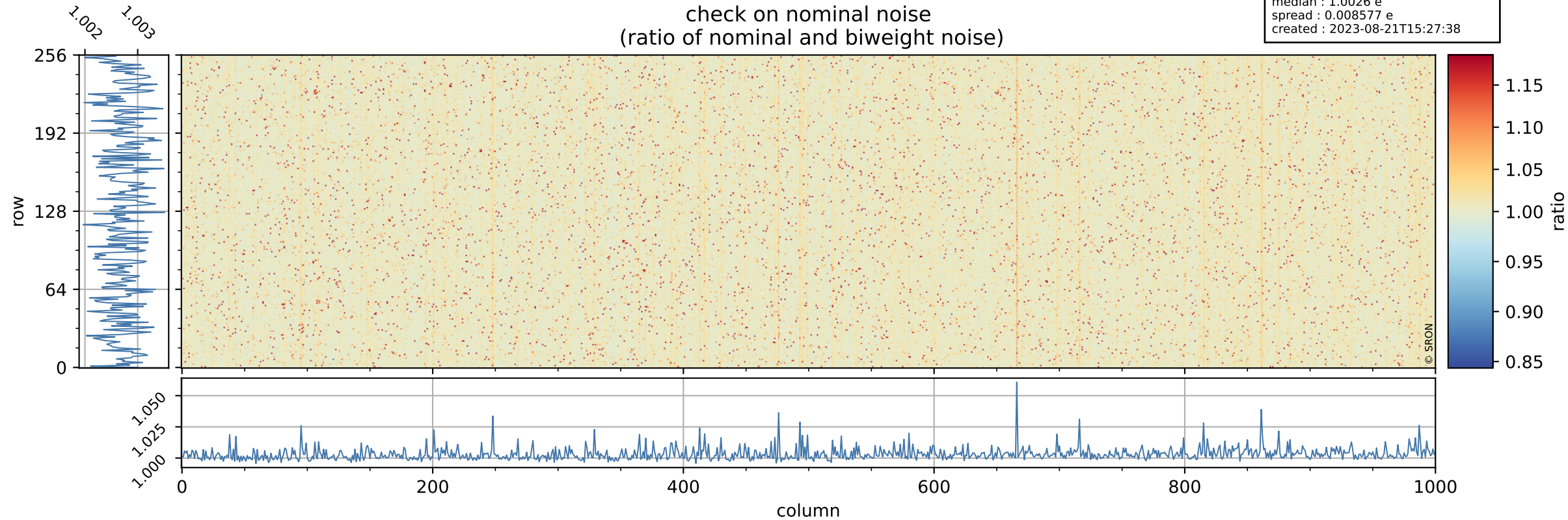
orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
median : 1.0031 e
spread : 0.0095338 e
created : 2023-08-21T15:27:38



Tropomi SWIR background noise (swir)

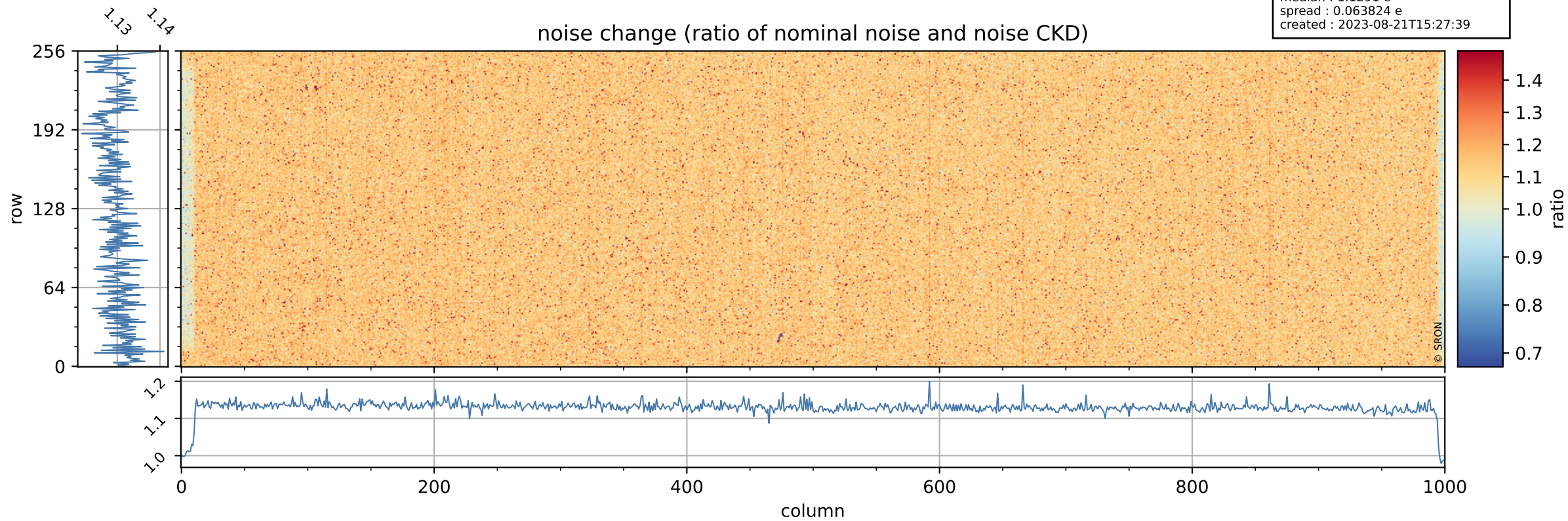
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
median : 1.0026 e
spread : 0.008577 e
created : 2023-08-21T15:27:38



Tropomi SWIR background noise (swir)

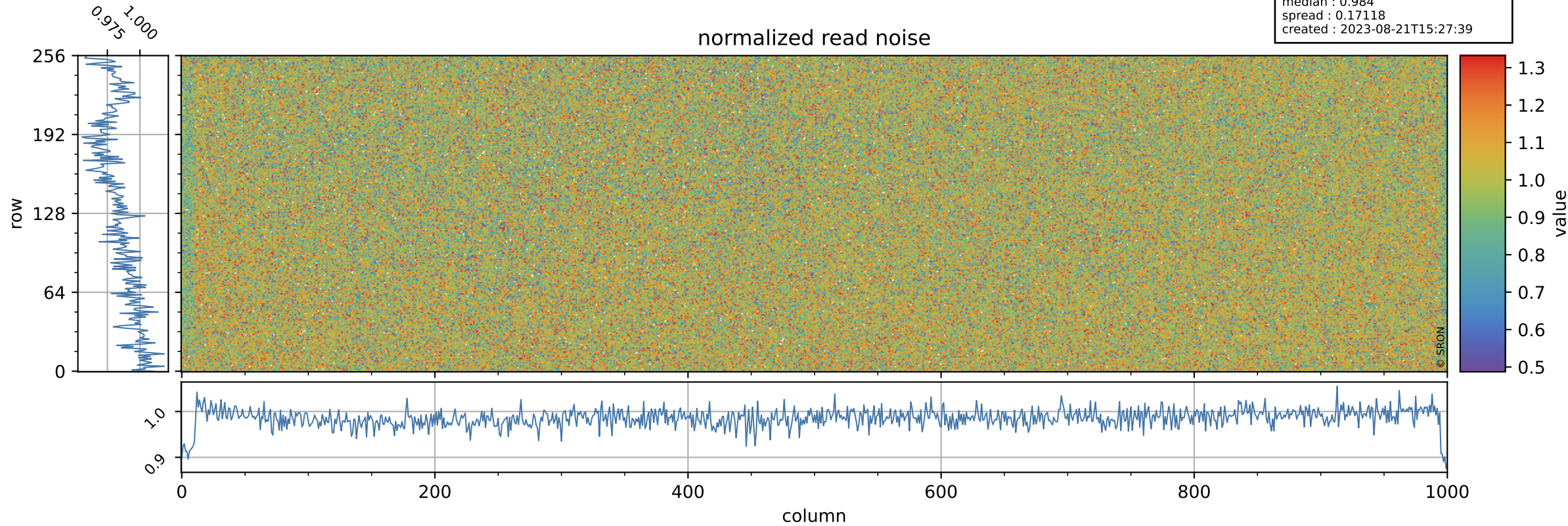
orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
median : 1.1291 e
spread : 0.063824 e
created : 2023-08-21T15:27:39



Tropomi SWIR background noise (swir)

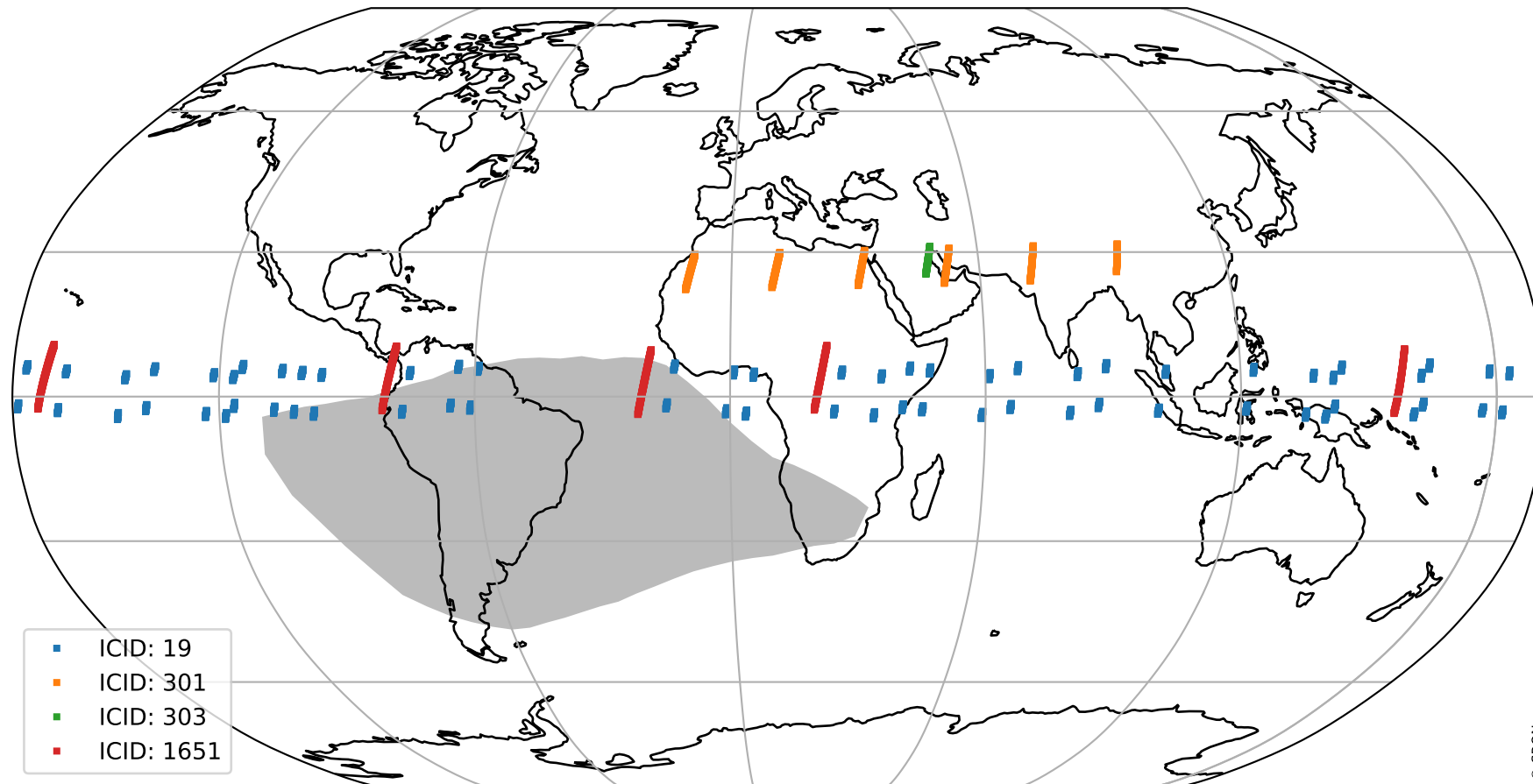
orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
median : 0.984
spread : 0.17118
created : 2023-08-21T15:27:39

normalized read noise



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

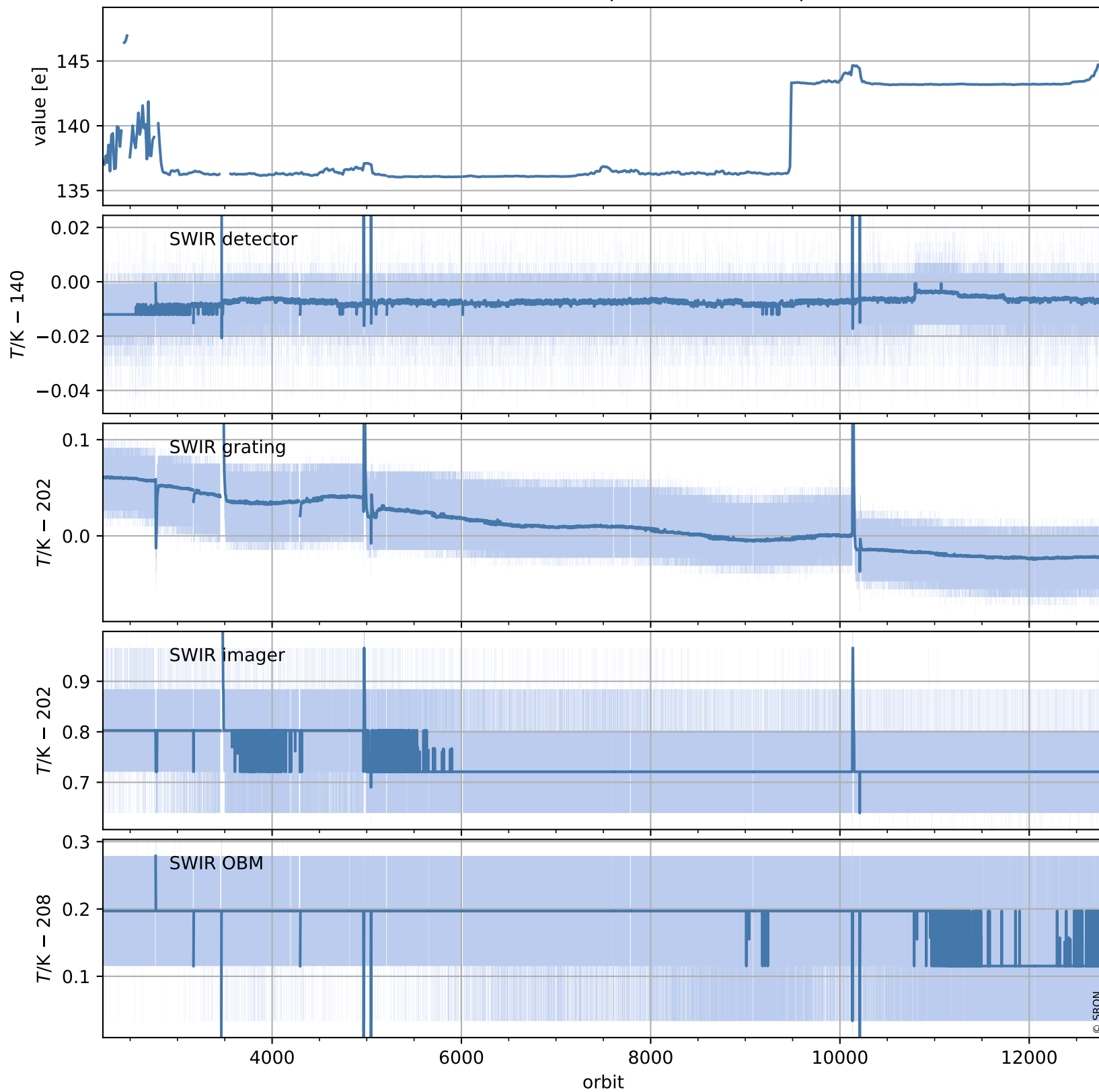
orbits : 12 in [12712, 12787]
coverage : 2020-03-26 / 2020-04-01
created : 2023-08-21T15:27:39



Tropomi SWIR background noise (swir)

orbits : [2212, 12787]
coverage : 2018-03-18 / 2020-04-01
created : 2023-08-21T15:27:40

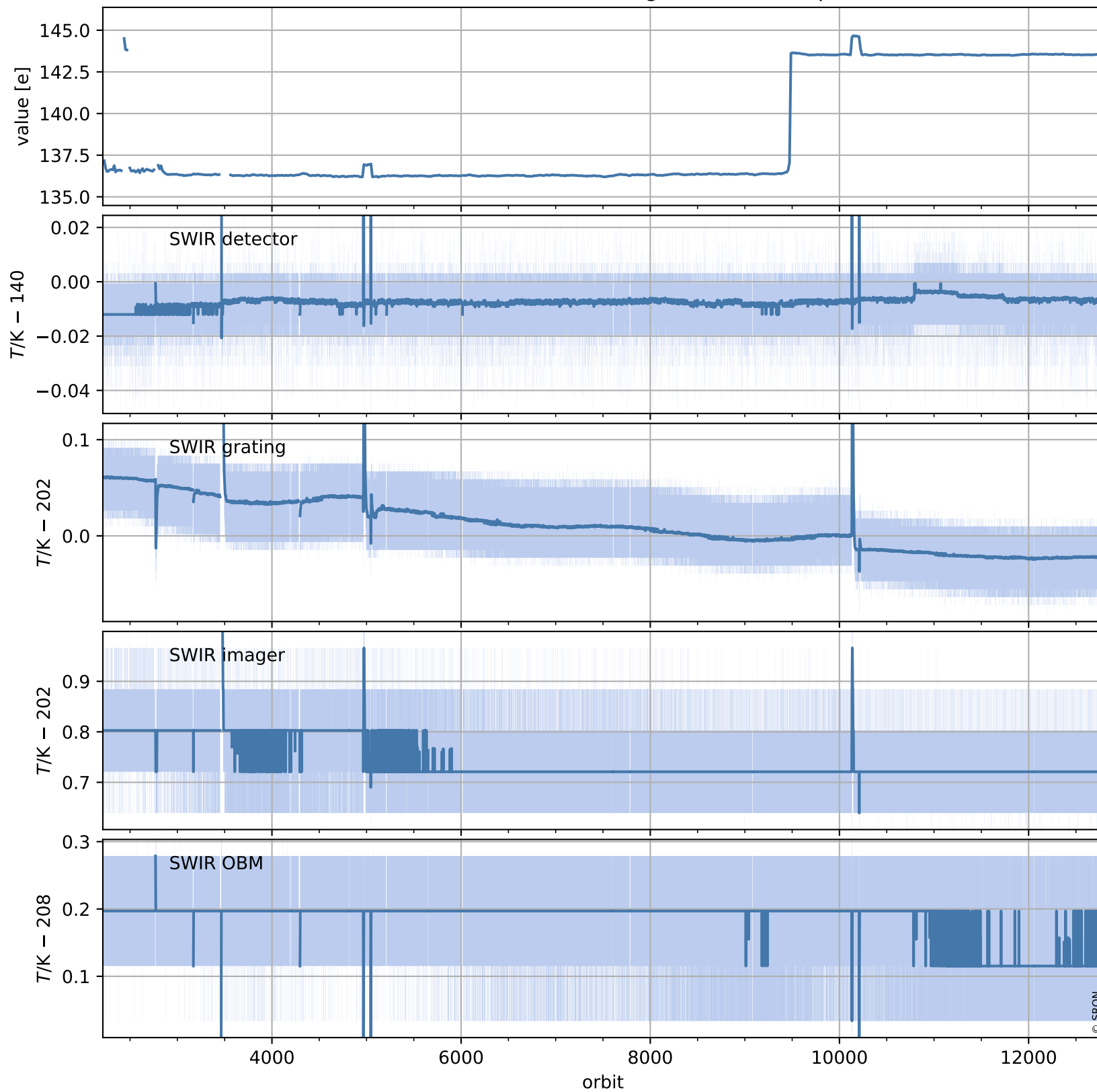
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12787]
coverage : 2018-03-18 / 2020-04-01
created : 2023-08-21T15:27:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12787]
coverage : 2018-03-18 / 2020-04-01
created : 2023-08-21T15:27:41

trend of normalized read-noise & temperatures

