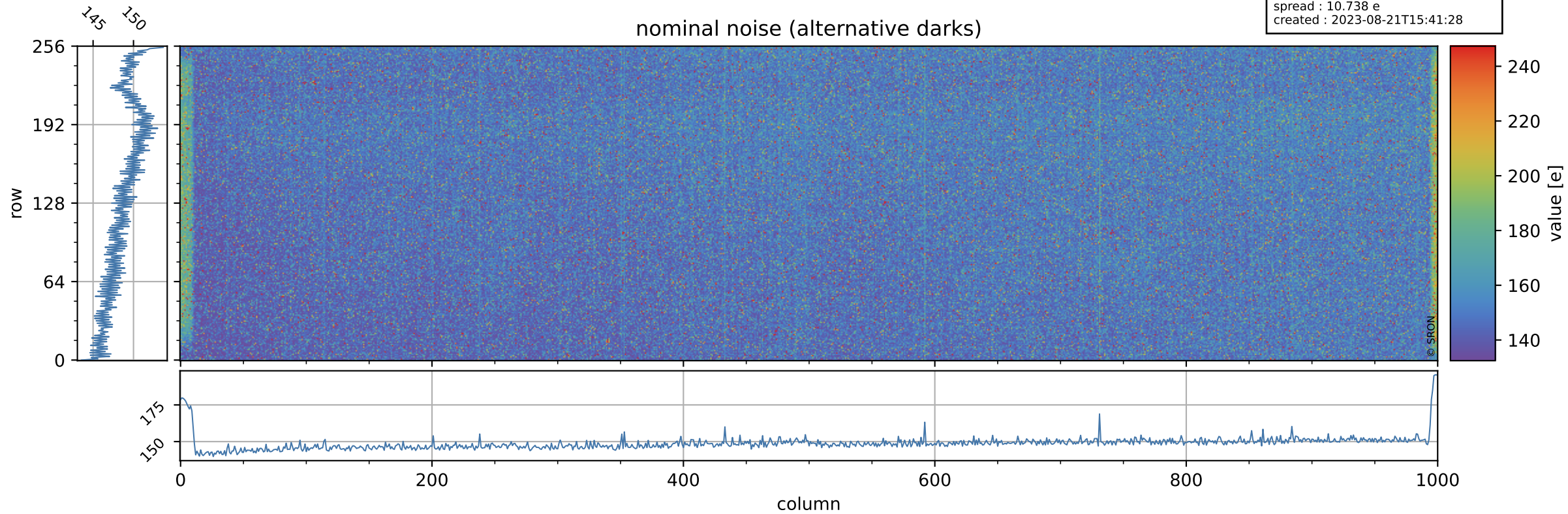


Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.738 e
created : 2023-08-21T15:41:28

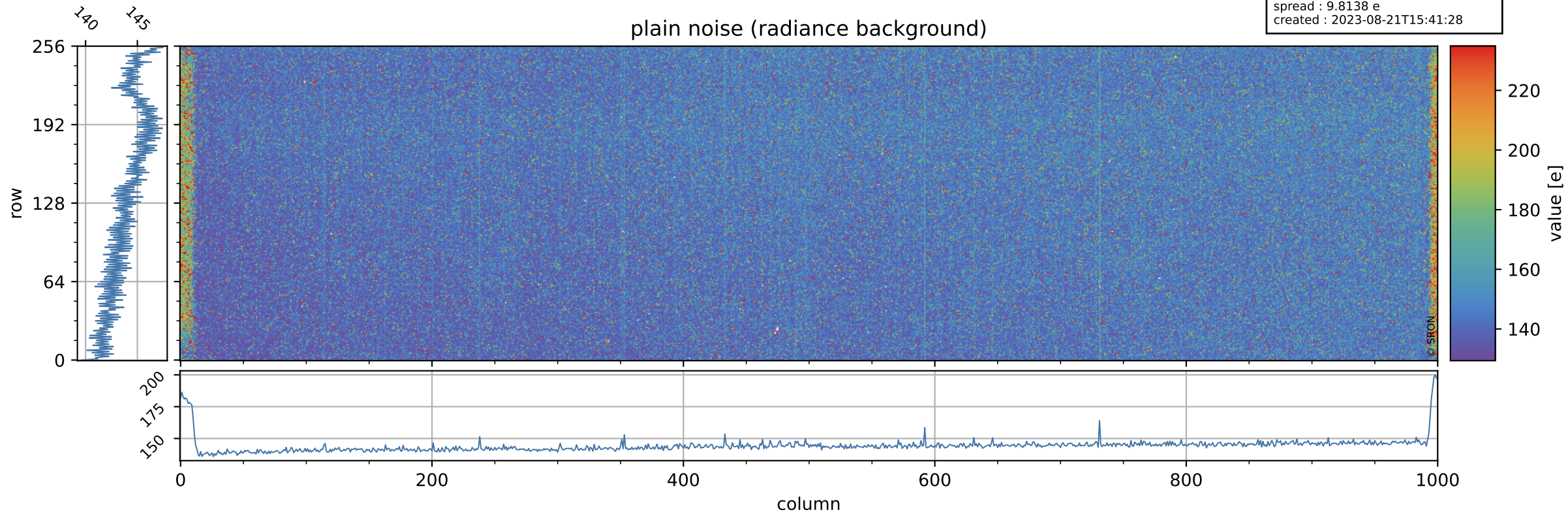
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
n_coad, t_exp : 1, 0.8383
median : 143.9 e
spread : 9.8138 e
created : 2023-08-21T15:41:28

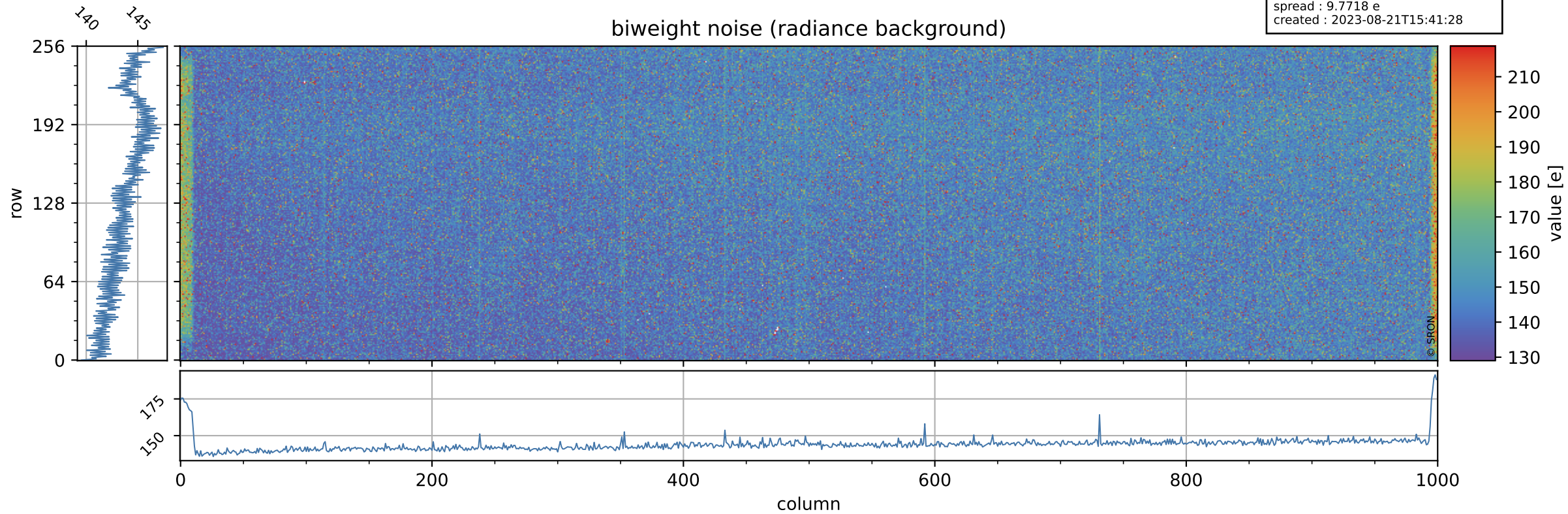
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7718 e
created : 2023-08-21T15:41:28

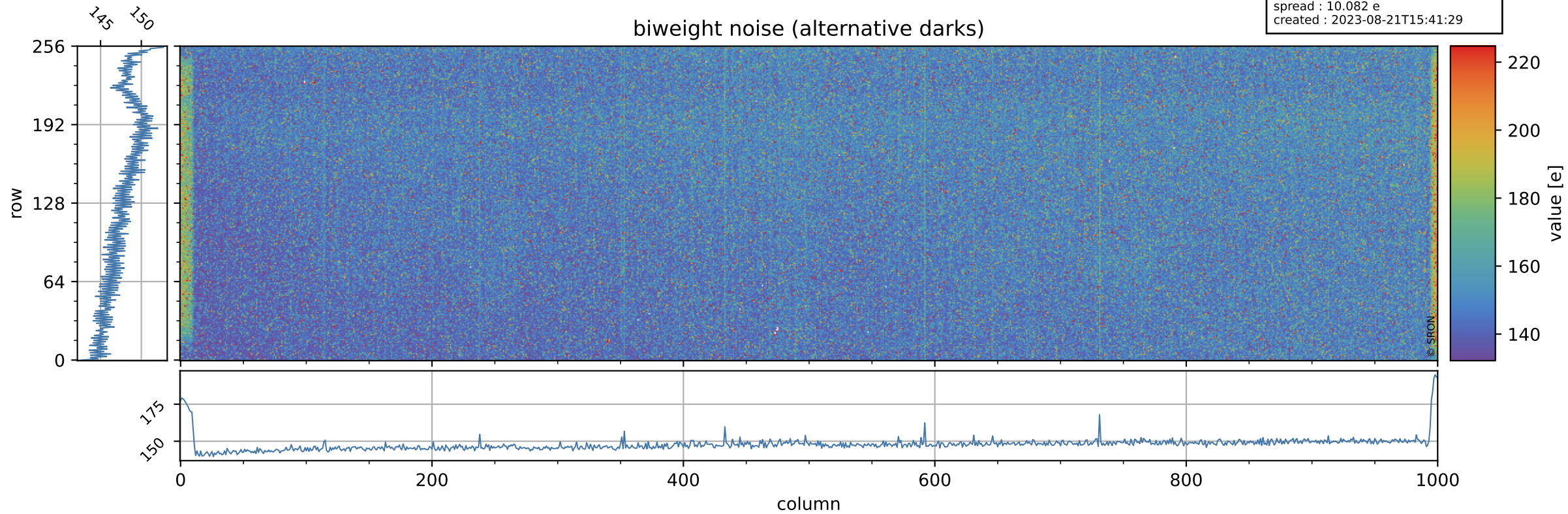
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.082 e
created : 2023-08-21T15:41:29

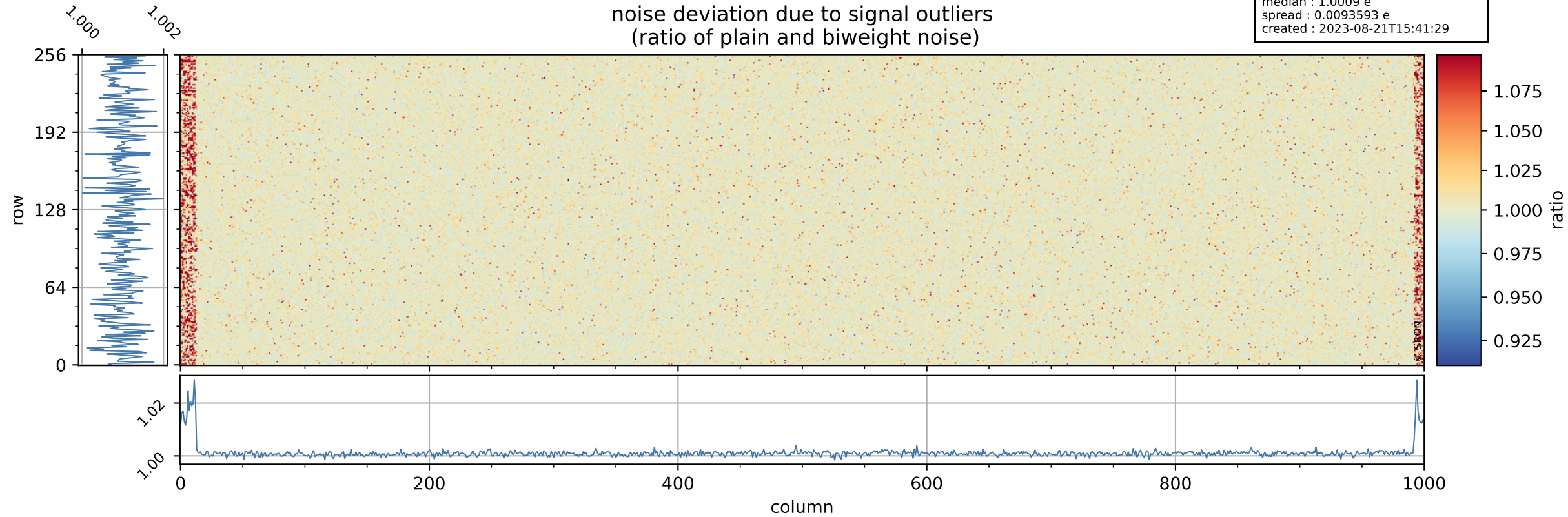
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

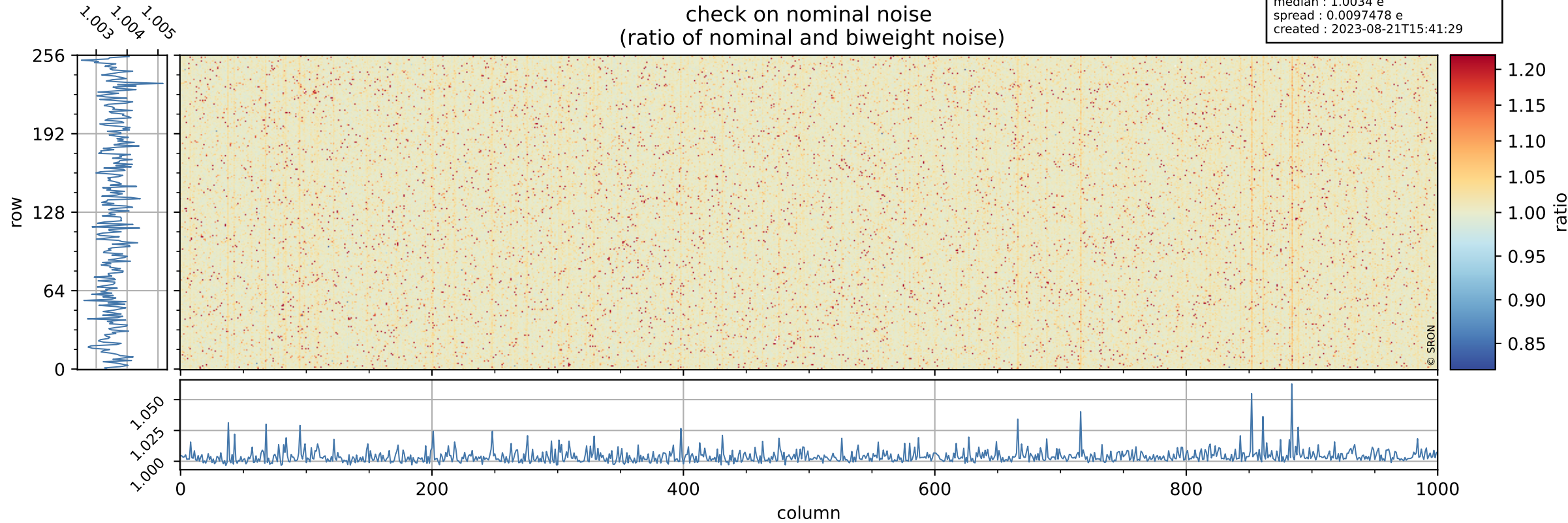
orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
median : 1.0009 e
spread : 0.0093593 e
created : 2023-08-21T15:41:29



Tropomi SWIR background noise (swir)

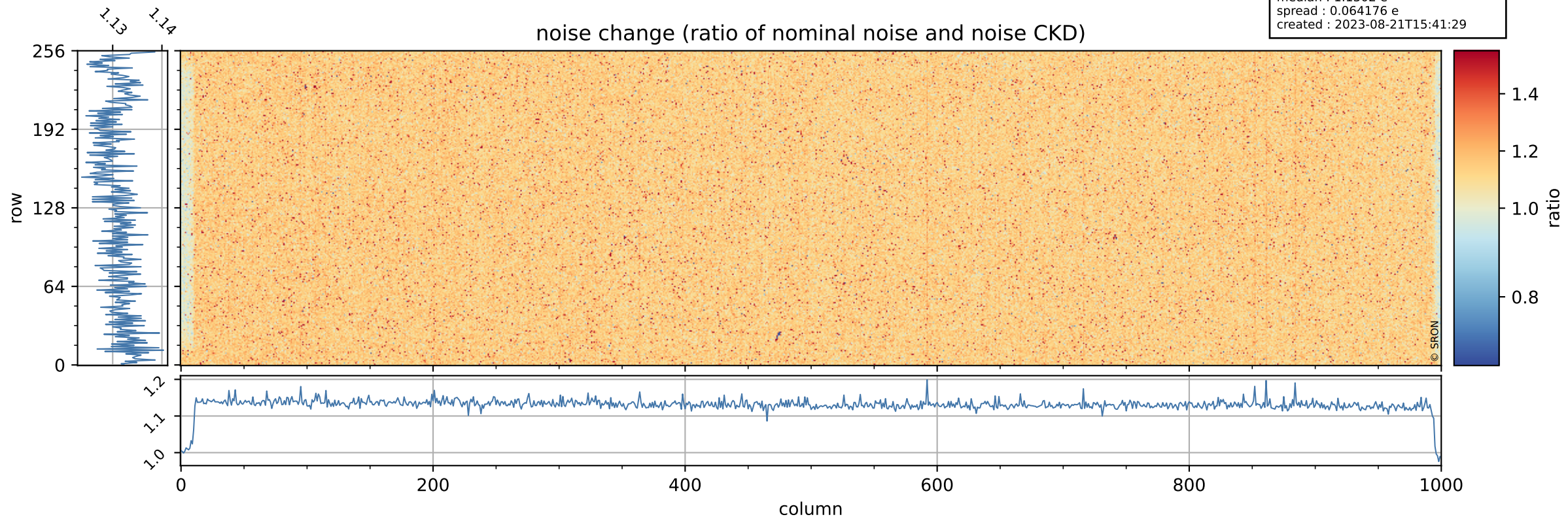
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
median : 1.0034 e
spread : 0.0097478 e
created : 2023-08-21T15:41:29



Tropomi SWIR background noise (swir)

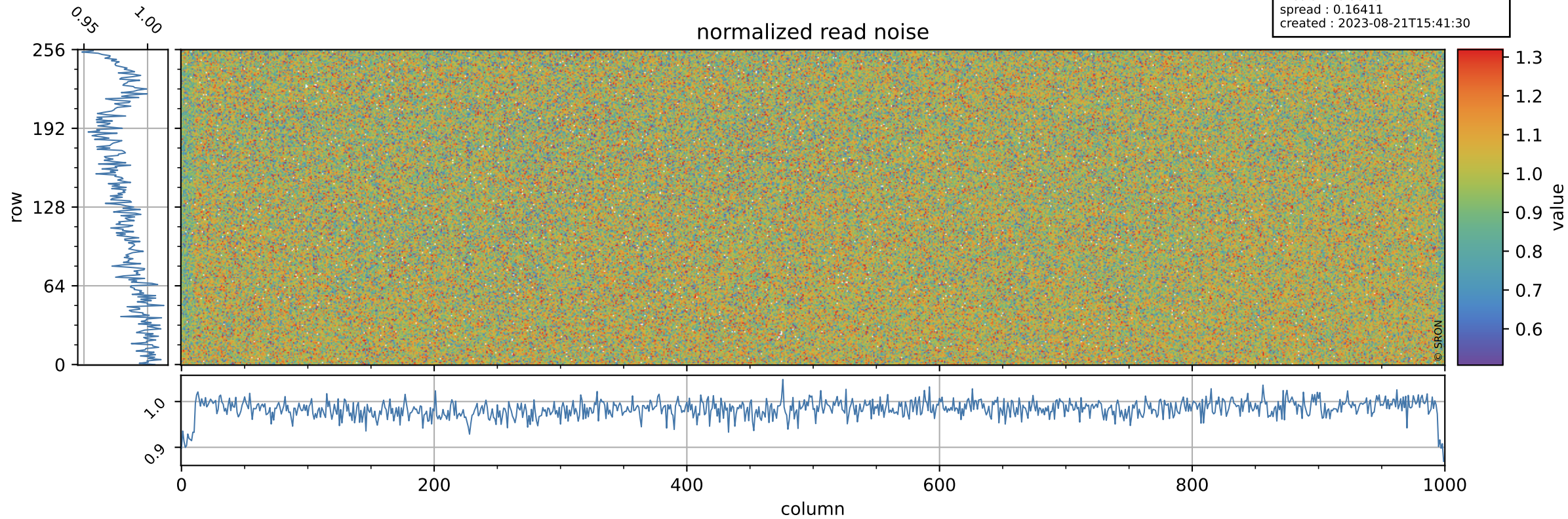
orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
median : 1.1302 e
spread : 0.064176 e
created : 2023-08-21T15:41:29



Tropomi SWIR background noise (swir)

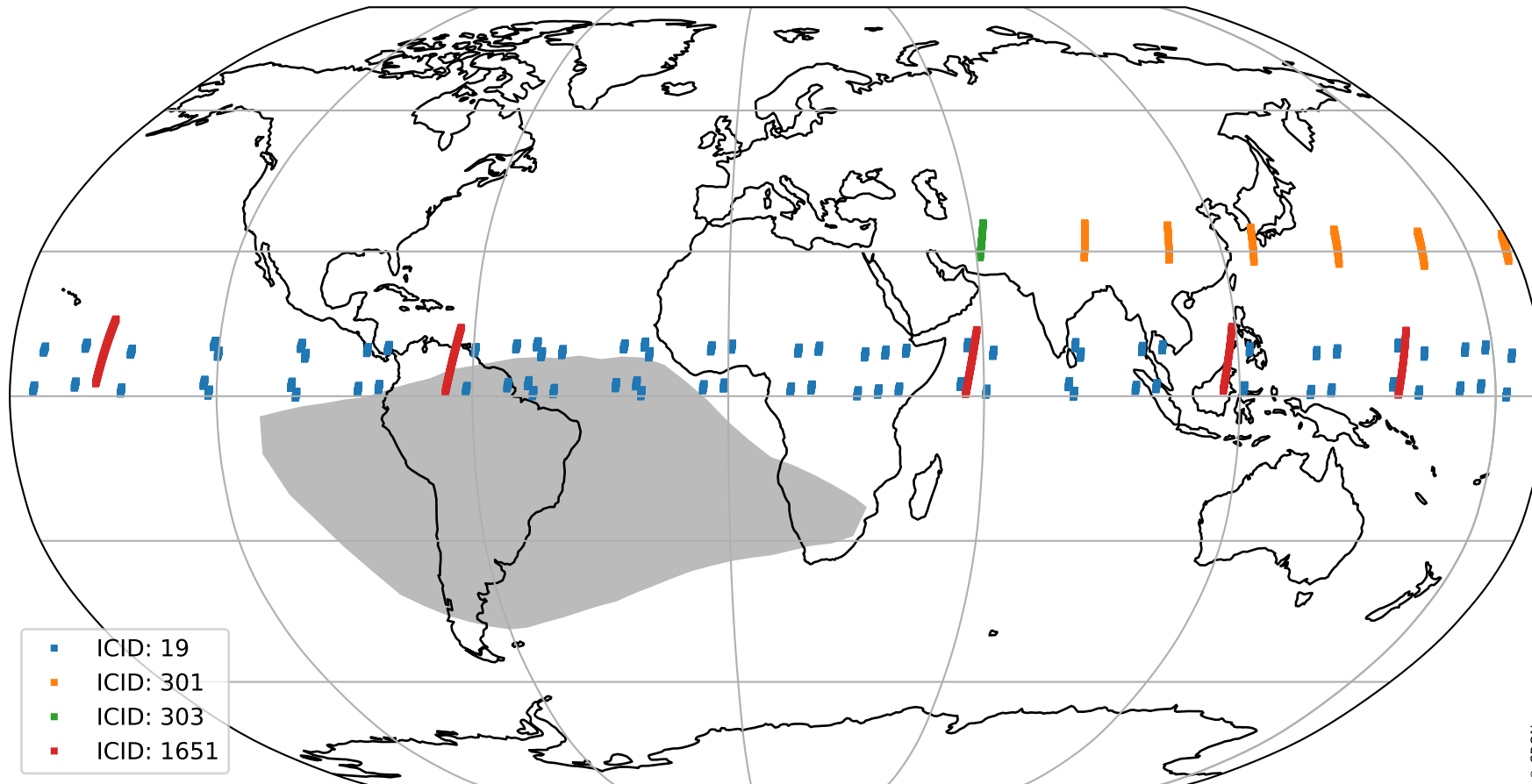
orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
median : 0.9826
spread : 0.16411
created : 2023-08-21T15:41:30

normalized read noise



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

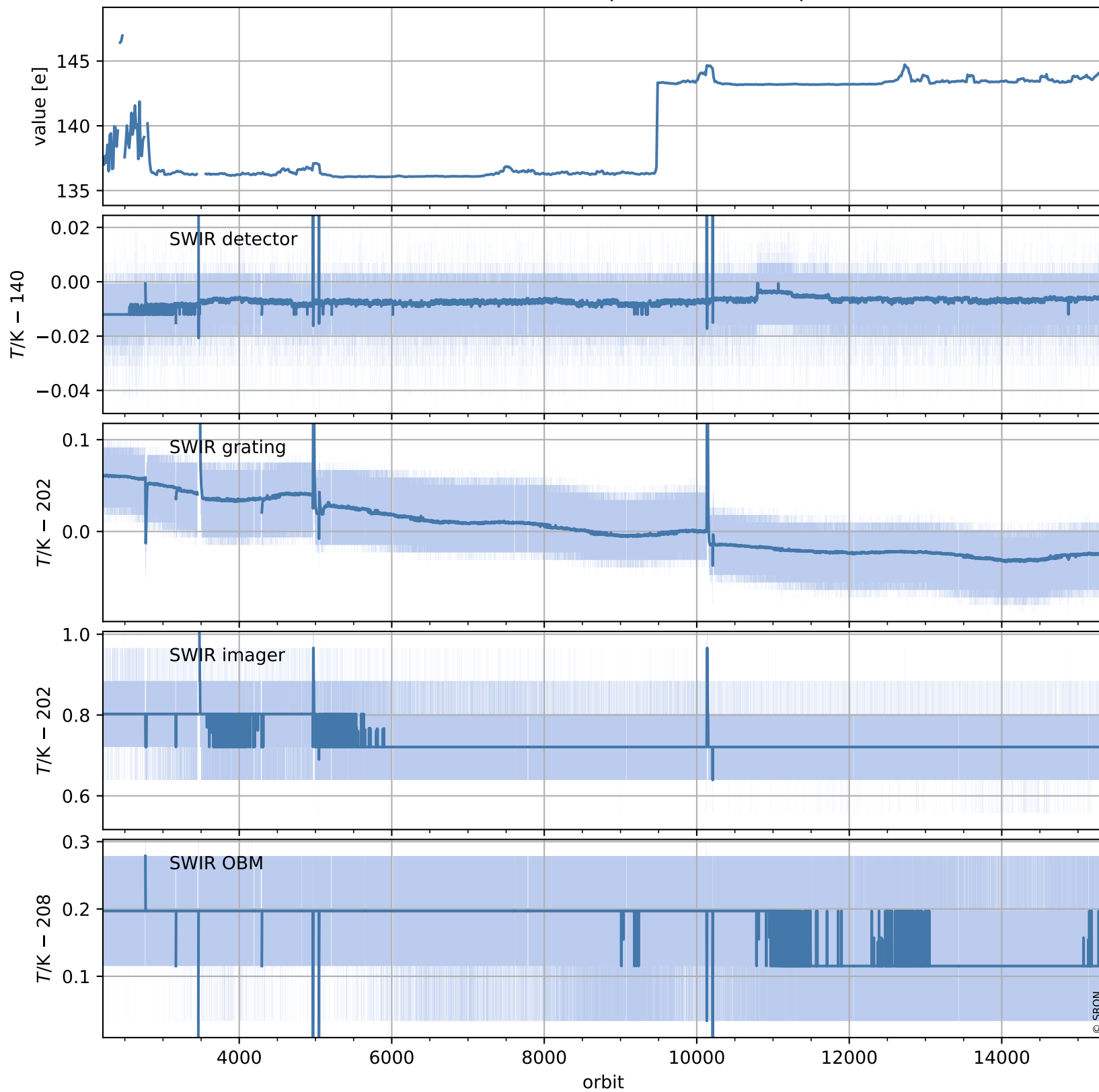
orbits : 12 in [15247, 15337]
coverage : 2020-09-22 / 2020-09-28
created : 2023-08-21T15:41:30



Tropomi SWIR background noise (swir)

orbits : [2212, 15337]
coverage : 2018-03-18 / 2020-09-28
created : 2023-08-21T15:41:30

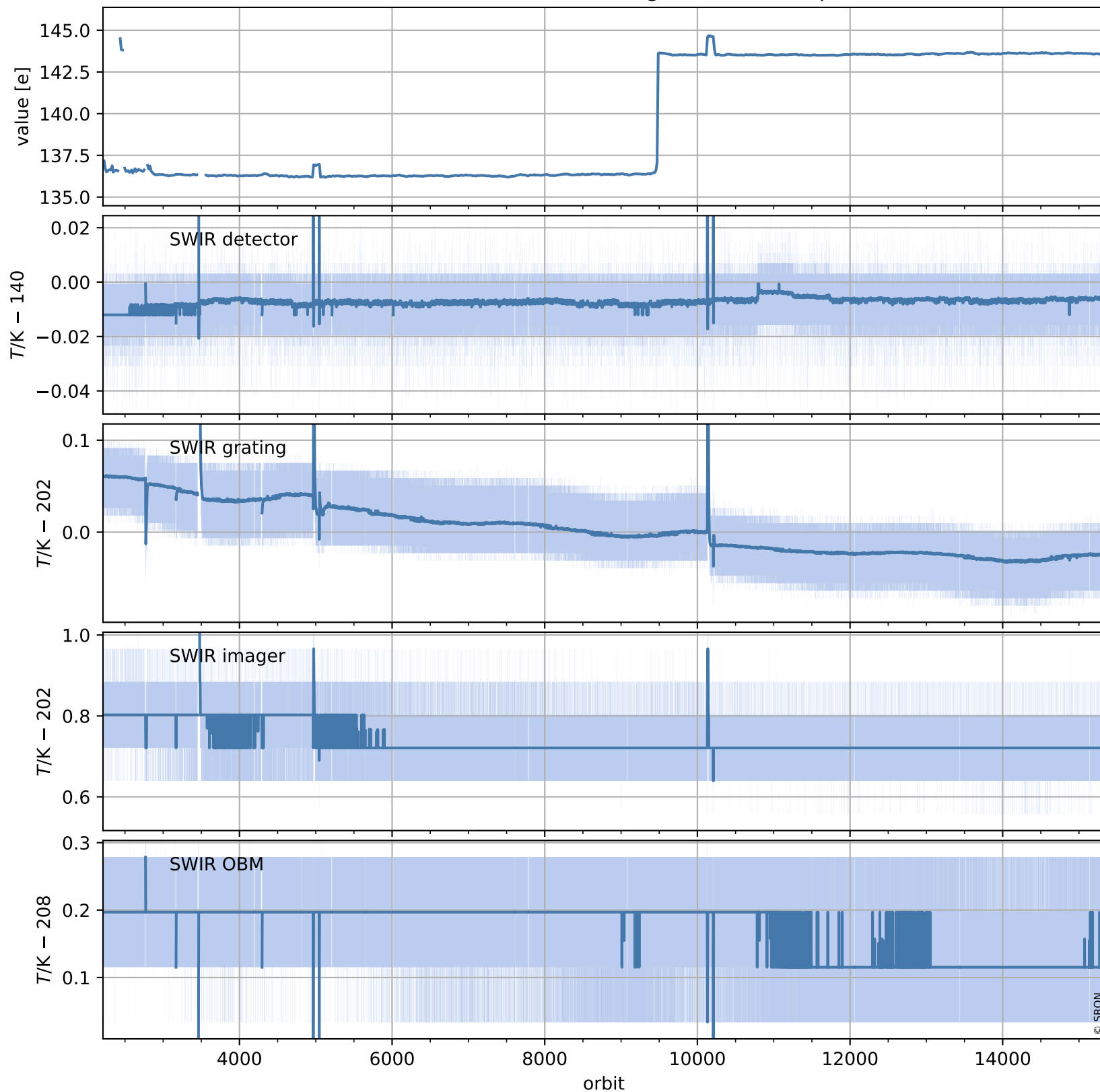
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15337]
coverage : 2018-03-18 / 2020-09-28
created : 2023-08-21T15:41:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15337]
coverage : 2018-03-18 / 2020-09-28
created : 2023-08-21T15:41:32

trend of normalized read-noise & temperatures

