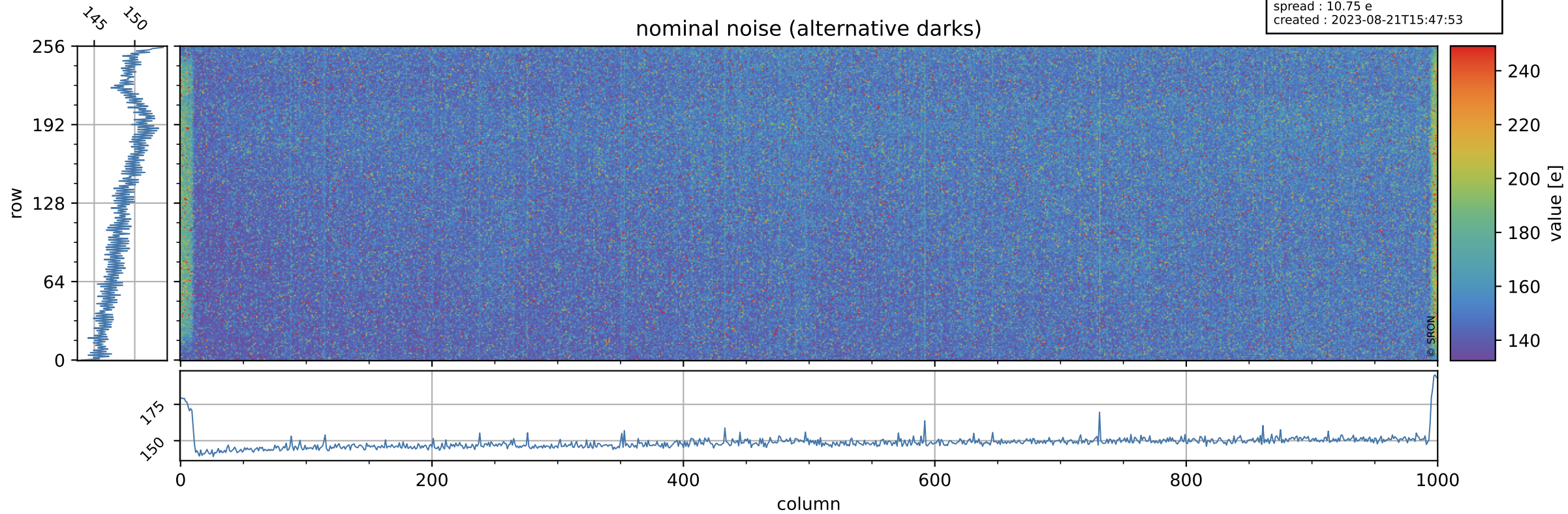


Tropomi SWIR background noise (swir)

orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.75 e
created : 2023-08-21T15:47:53

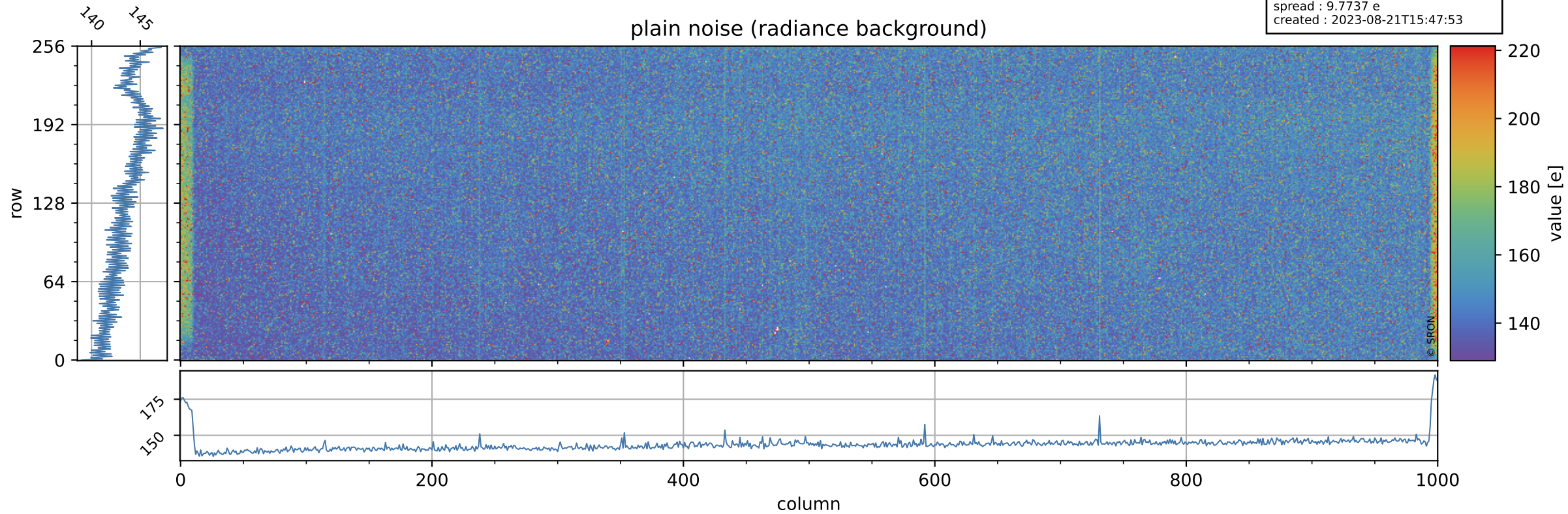
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7737 e
created : 2023-08-21T15:47:53

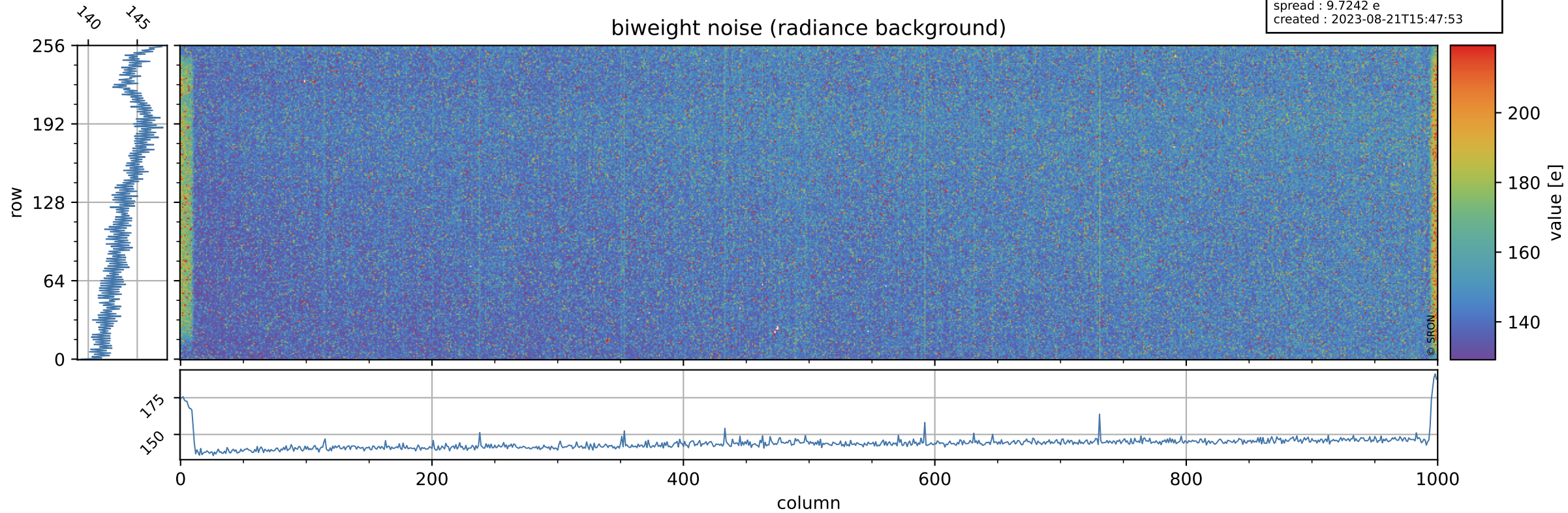
plain noise (radiance background)



Tropomi SWIR background noise (swir)

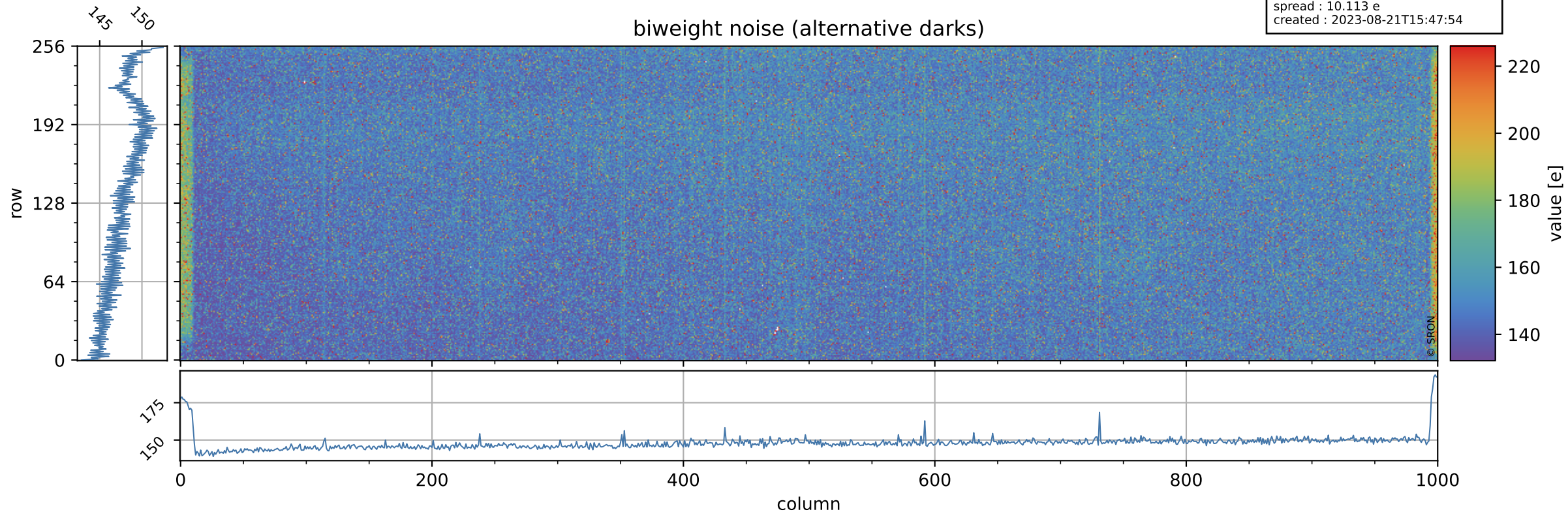
orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7242 e
created : 2023-08-21T15:47:53

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

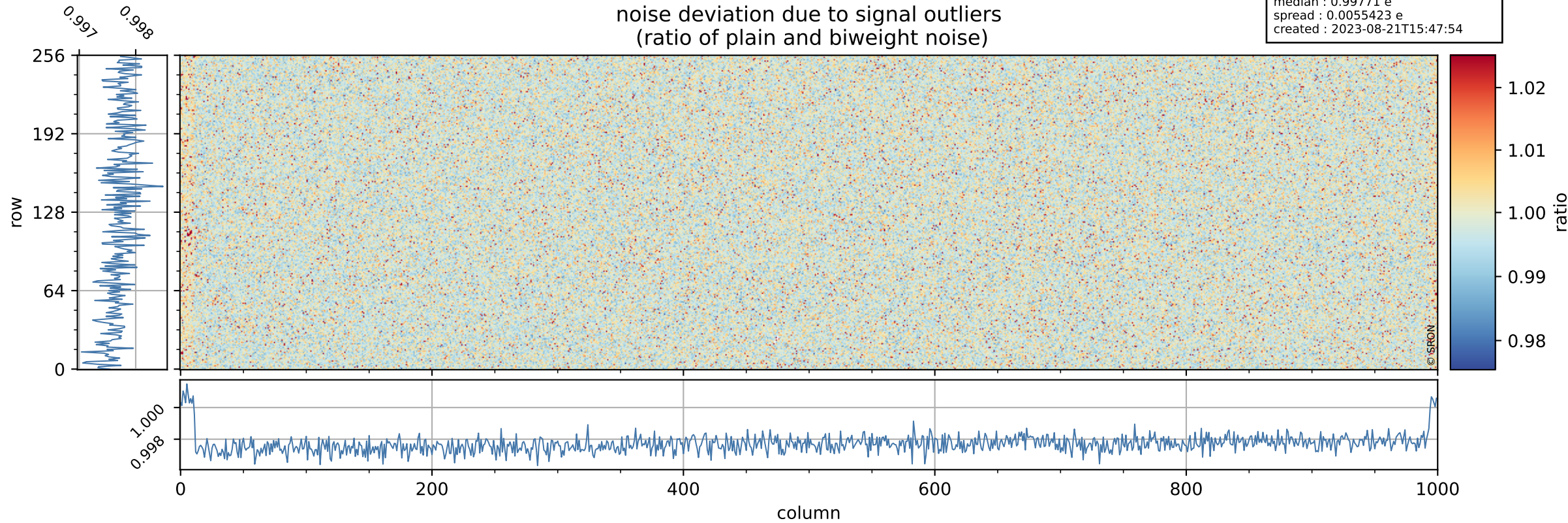
orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.113 e
created : 2023-08-21T15:47:54



Tropomi SWIR background noise (swir)

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

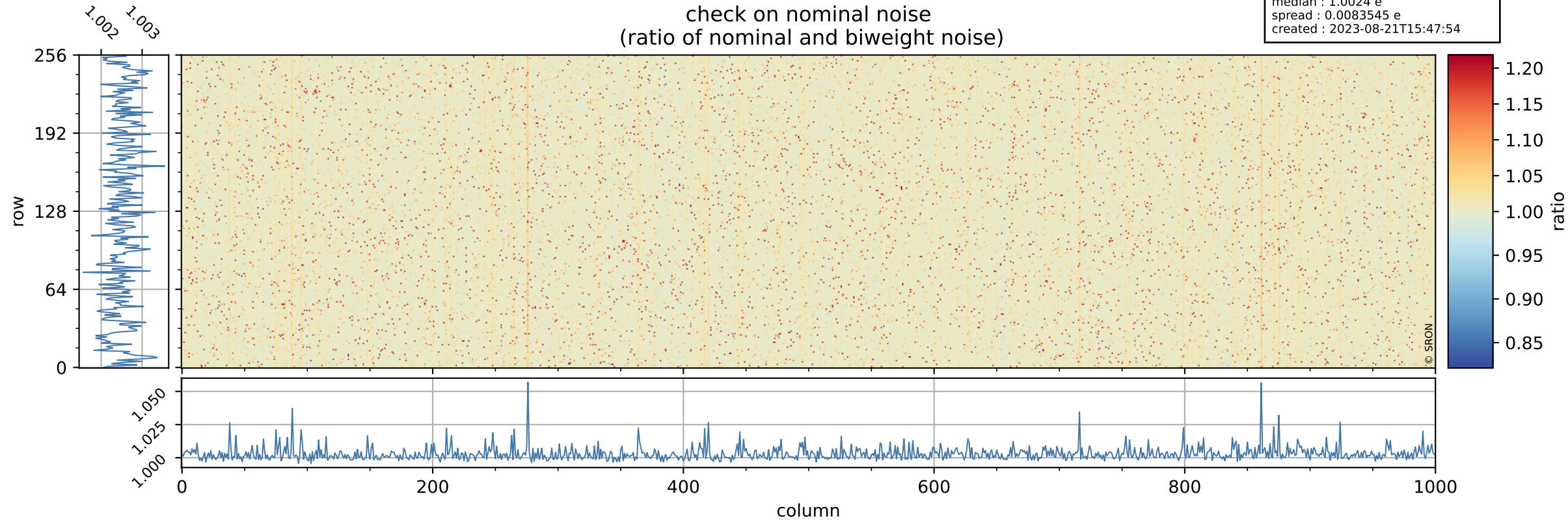
orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
median : 0.99771 e
spread : 0.0055423 e
created : 2023-08-21T15:47:54



Tropomi SWIR background noise (swir)

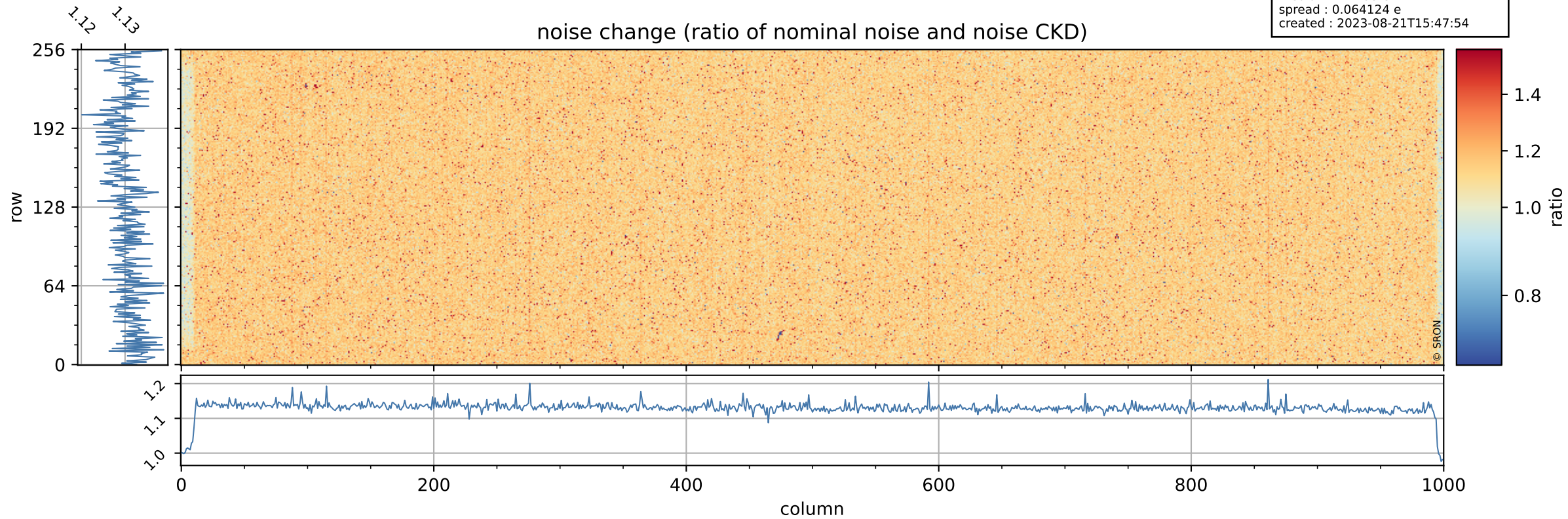
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
median : 1.0024 e
spread : 0.0083545 e
created : 2023-08-21T15:47:54



Tropomi SWIR background noise (swir)

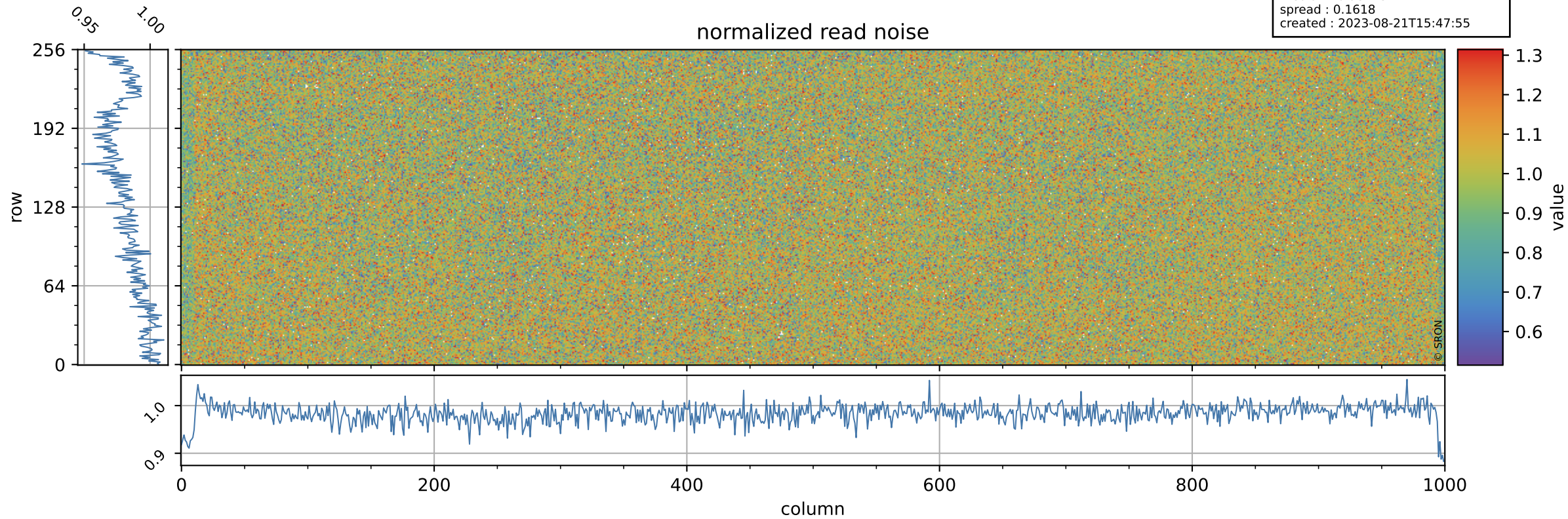
orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
median : 1.1295 e
spread : 0.064124 e
created : 2023-08-21T15:47:54



Tropomi SWIR background noise (swir)

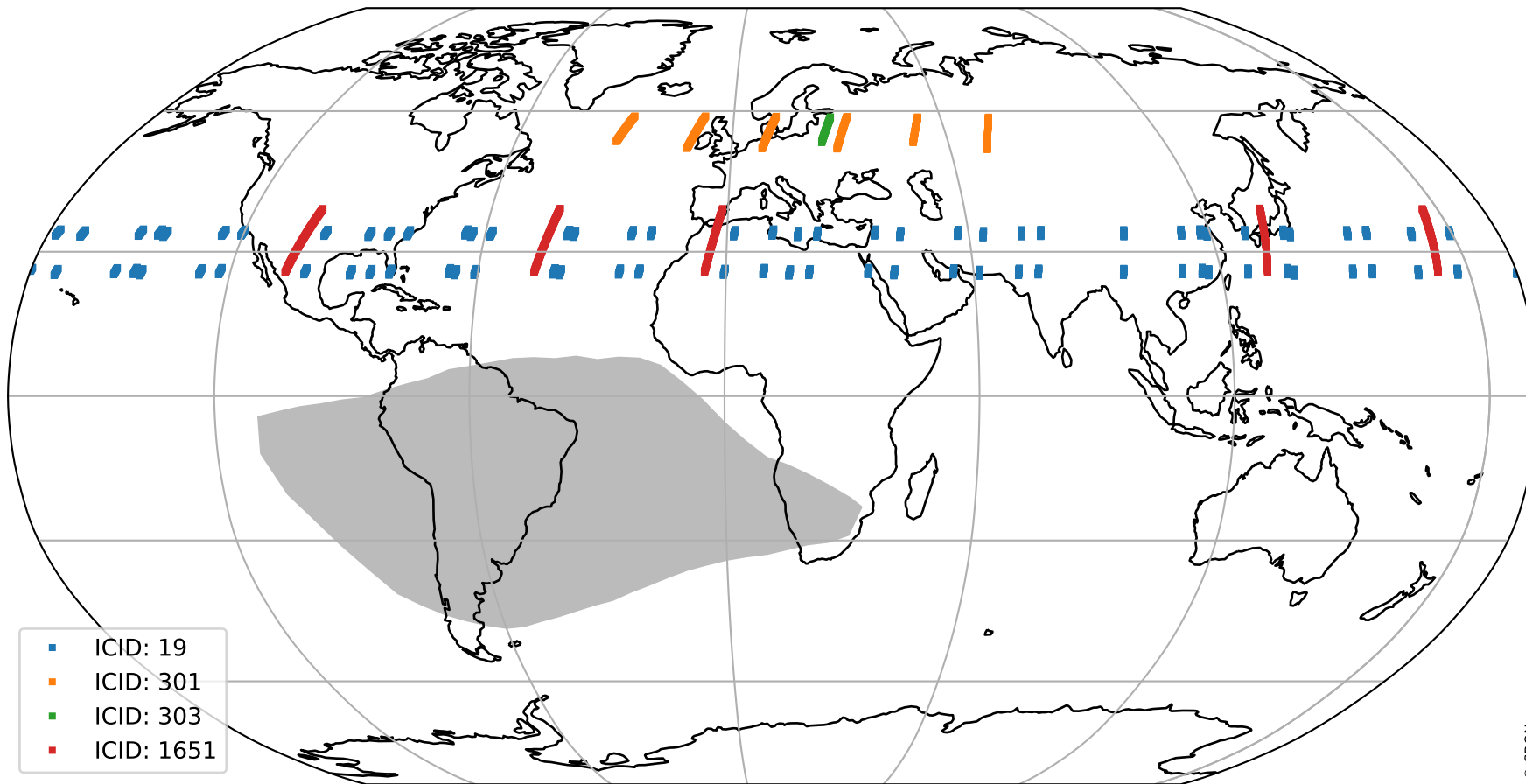
orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
median : 0.98223
spread : 0.1618
created : 2023-08-21T15:47:55

normalized read noise



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

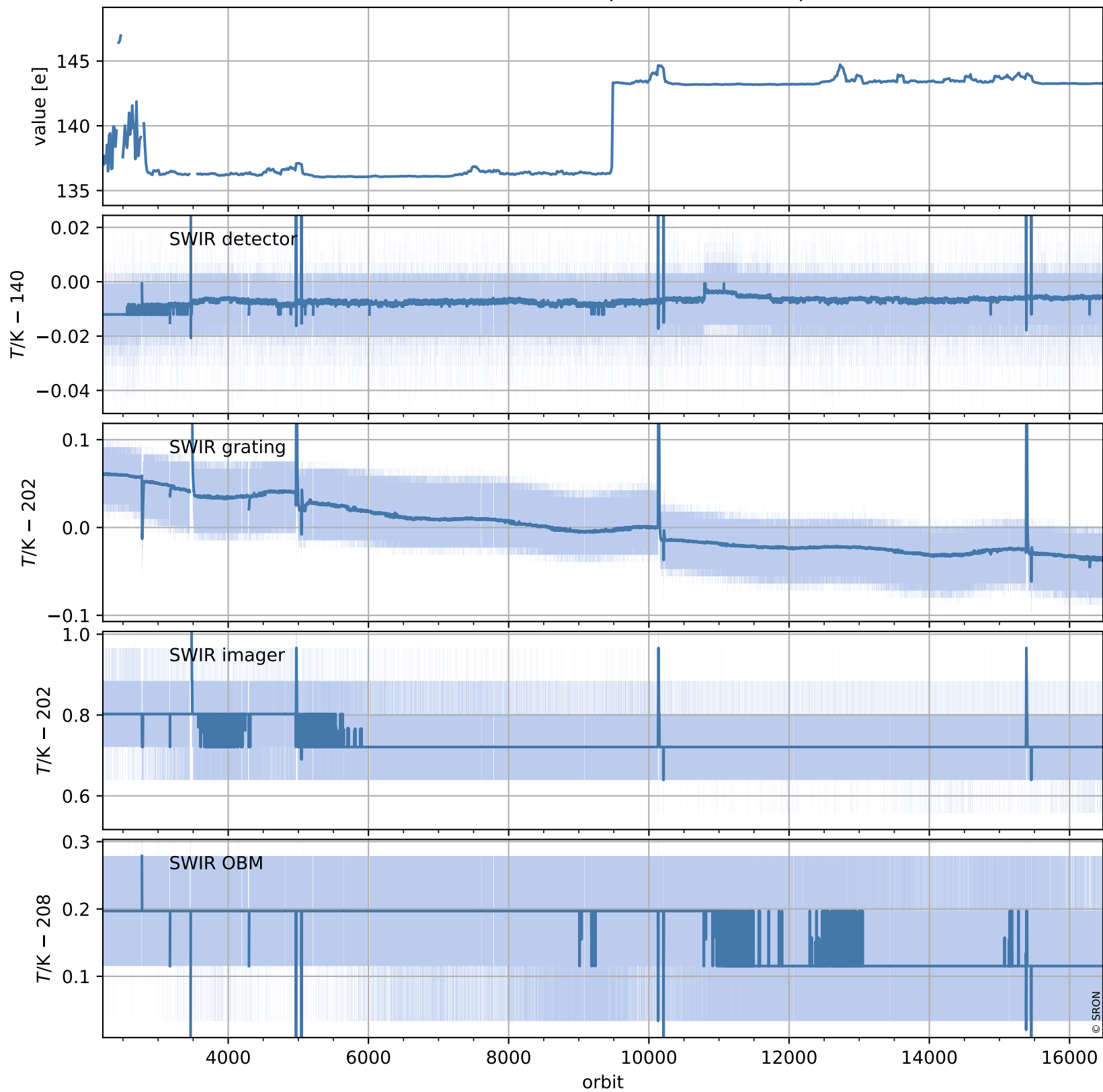
orbits : 12 in [16402, 16477]
coverage : 2020-12-11 / 2020-12-17
created : 2023-08-21T15:47:55



Tropomi SWIR background noise (swir)

orbits : [2212, 16477]
coverage : 2018-03-18 / 2020-12-17
created : 2023-08-21T15:47:55

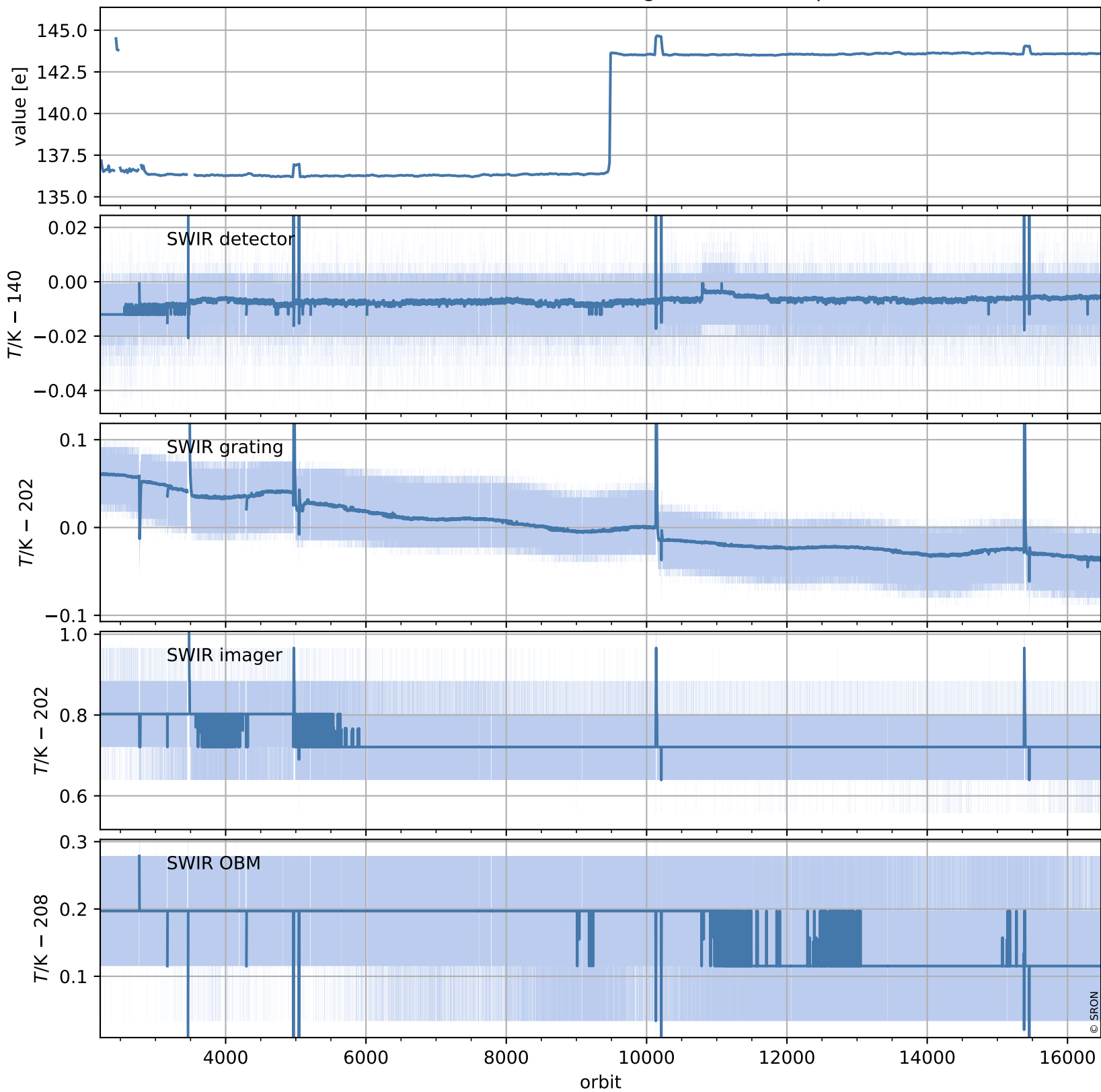
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16477]
coverage : 2018-03-18 / 2020-12-17
created : 2023-08-21T15:47:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16477]
coverage : 2018-03-18 / 2020-12-17
created : 2023-08-21T15:47:57

trend of normalized read-noise & temperatures

