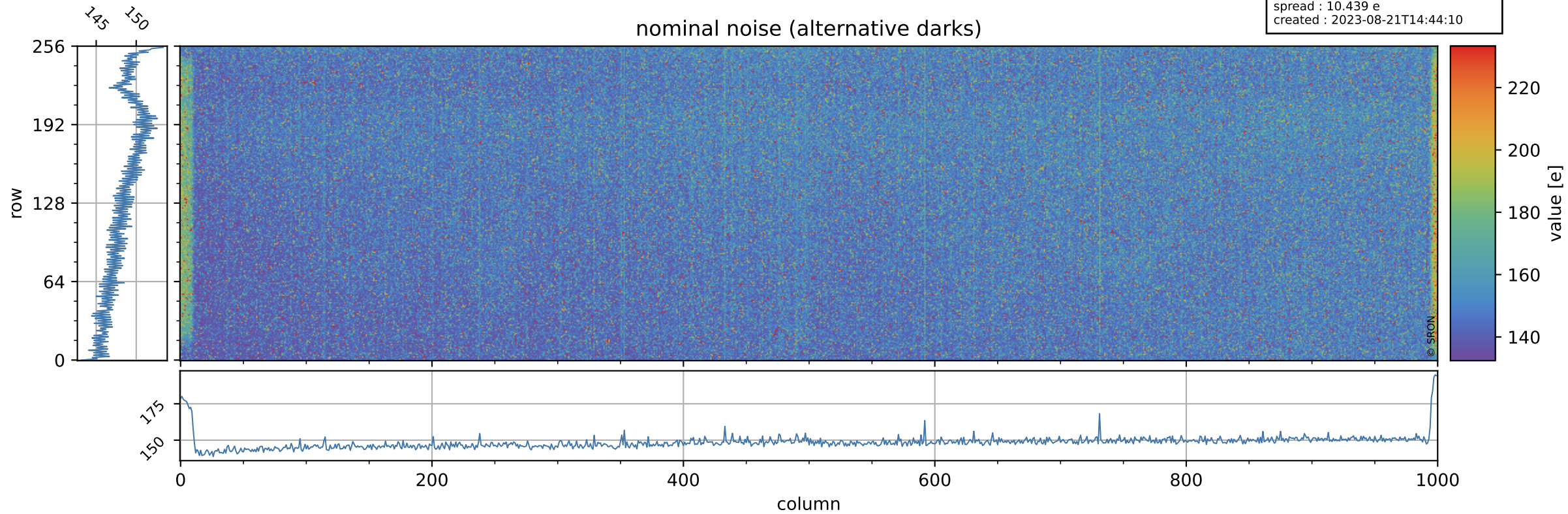


Tropomi SWIR background noise (swir)

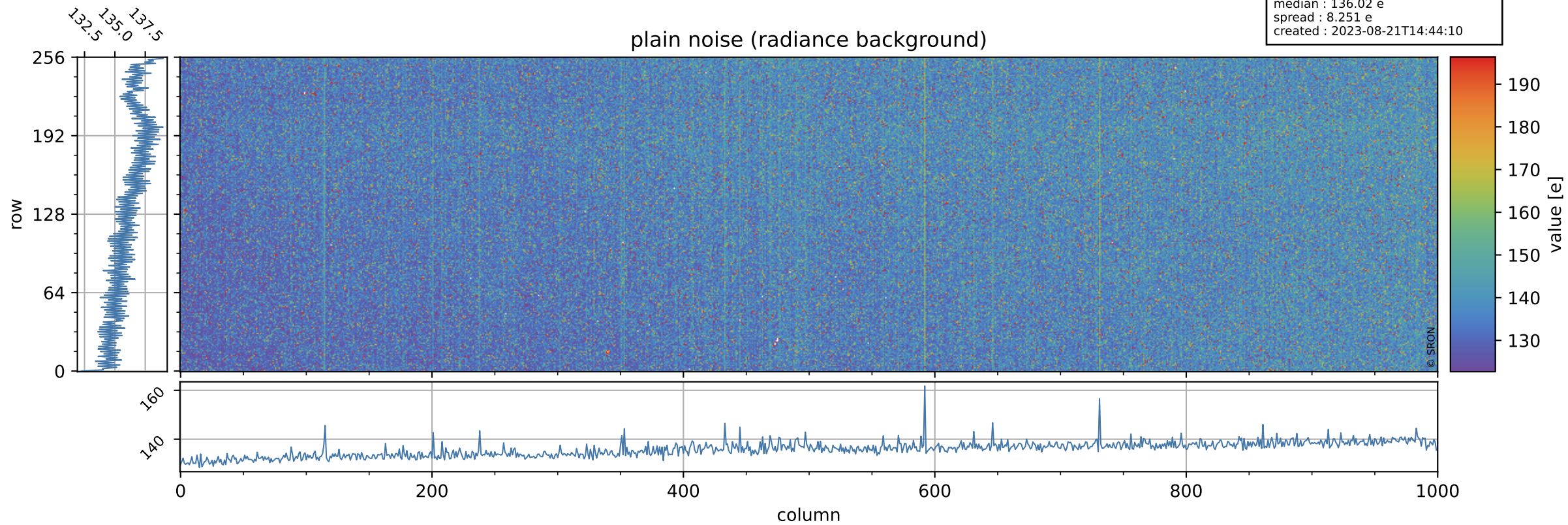
orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.439 e
created : 2023-08-21T14:44:10



Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.251 e
created : 2023-08-21T14:44:10

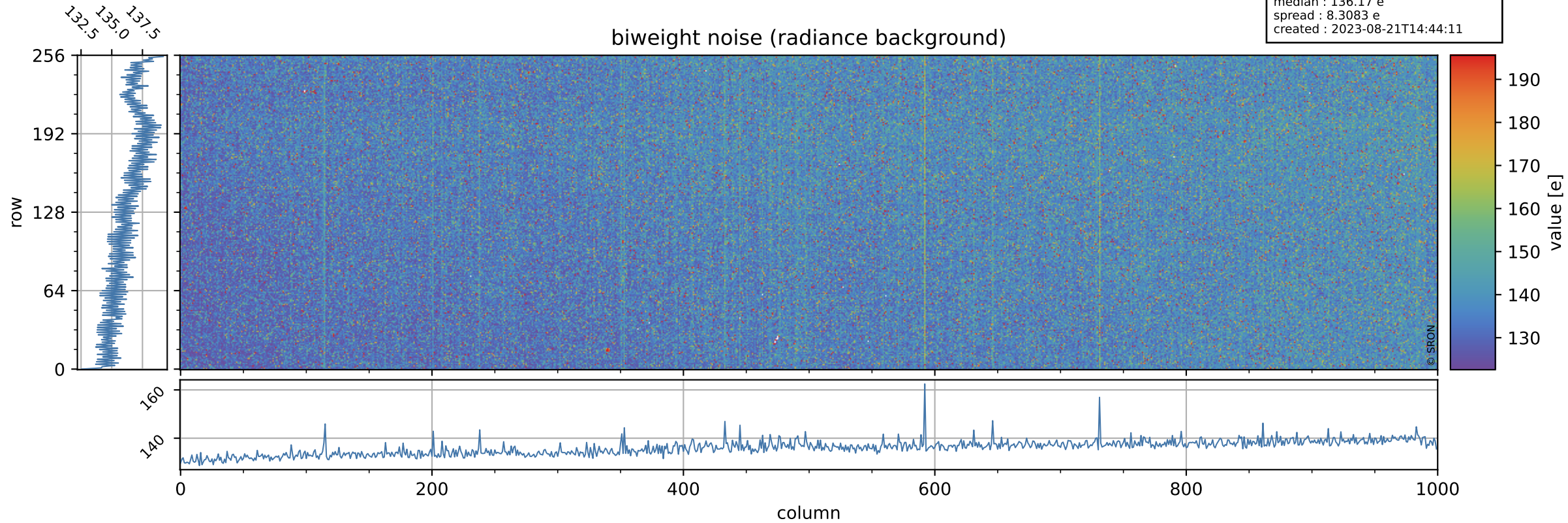
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3083 e
created : 2023-08-21T14:44:11

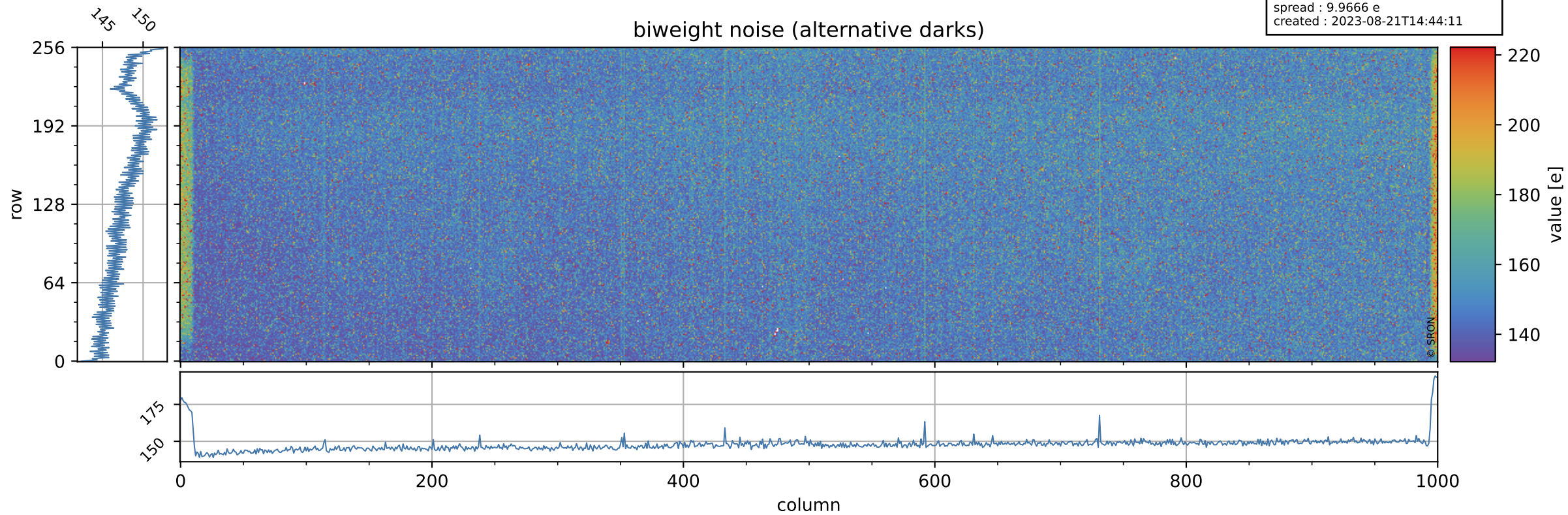
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9666 e
created : 2023-08-21T14:44:11

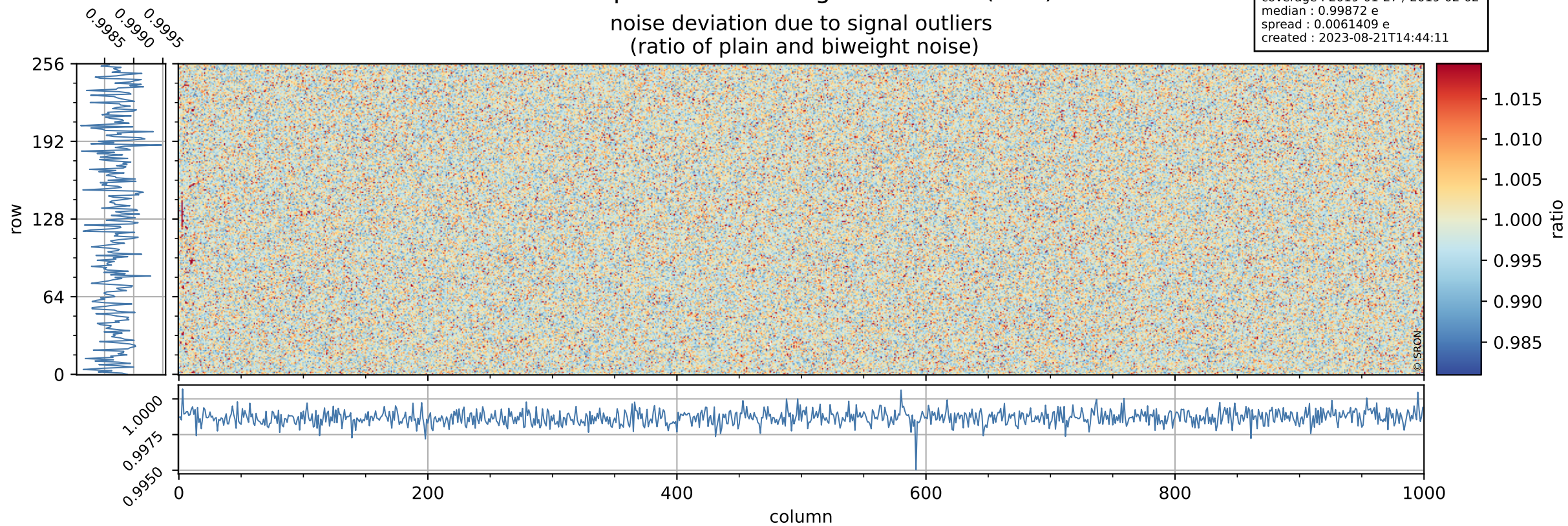
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

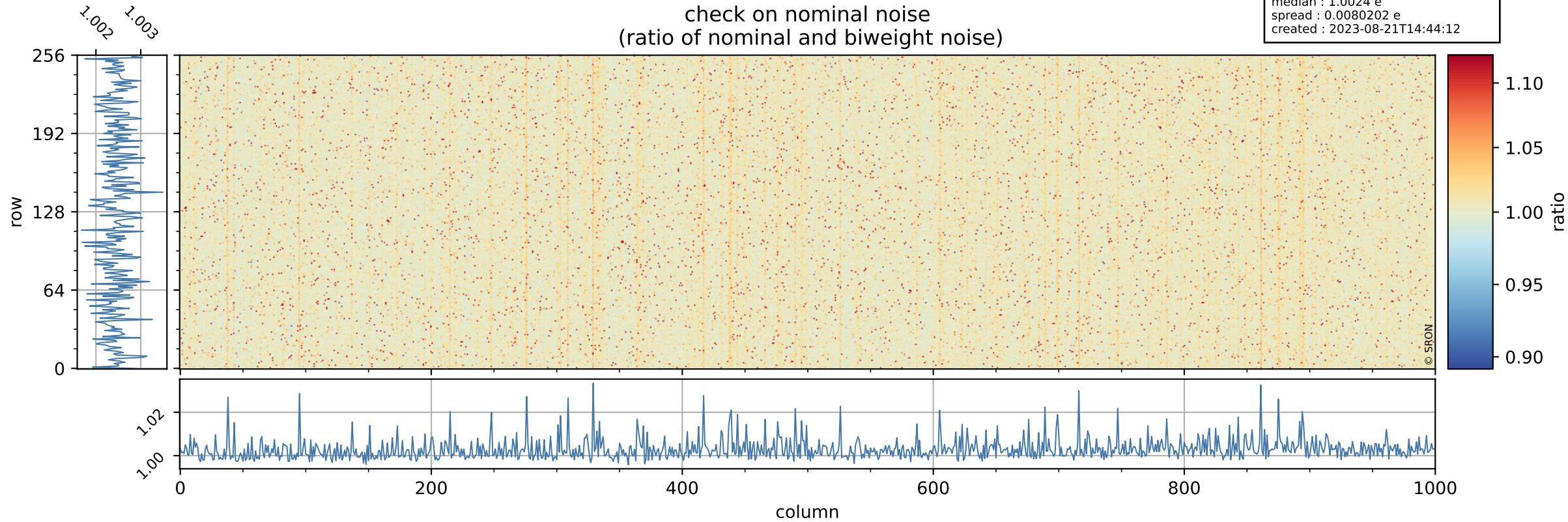
orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
median : 0.99872 e
spread : 0.0061409 e
created : 2023-08-21T14:44:11



Tropomi SWIR background noise (swir)

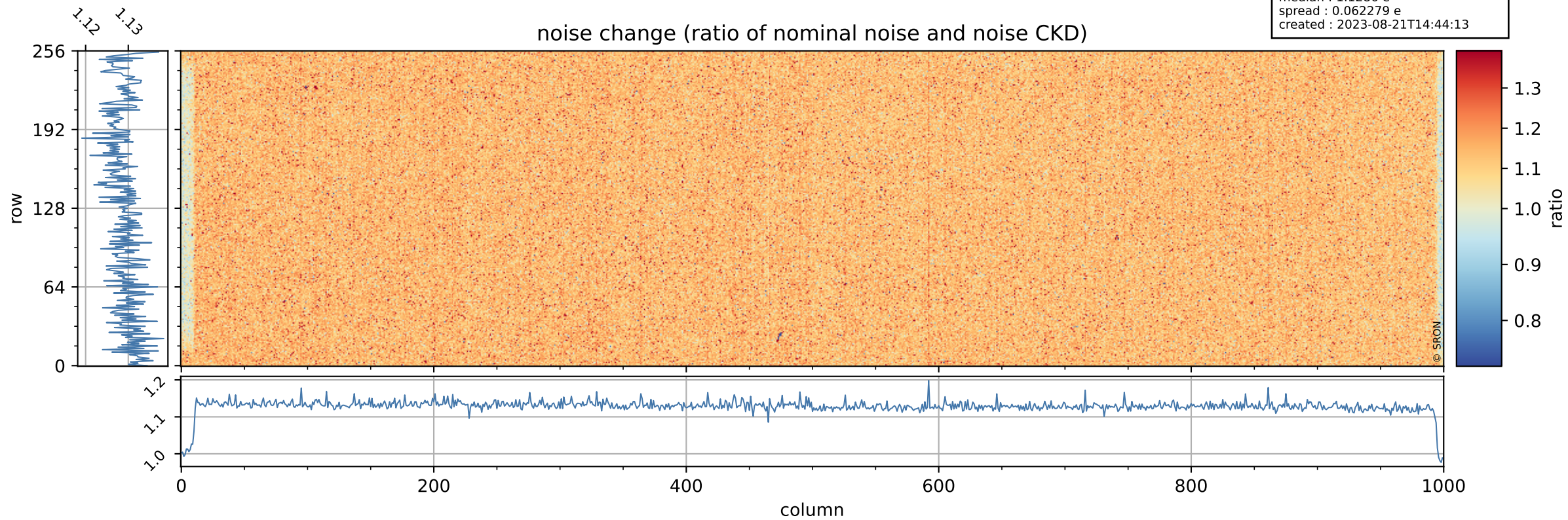
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
median : 1.0024 e
spread : 0.0080202 e
created : 2023-08-21T14:44:12



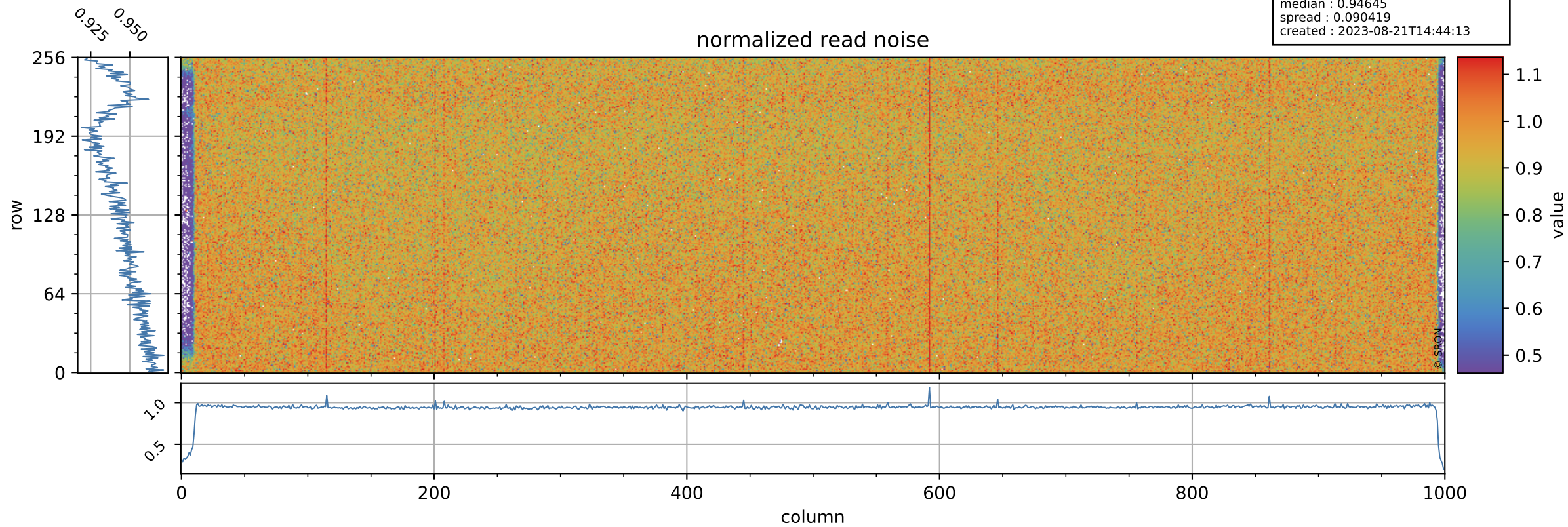
Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
median : 1.1286 e
spread : 0.062279 e
created : 2023-08-21T14:44:13



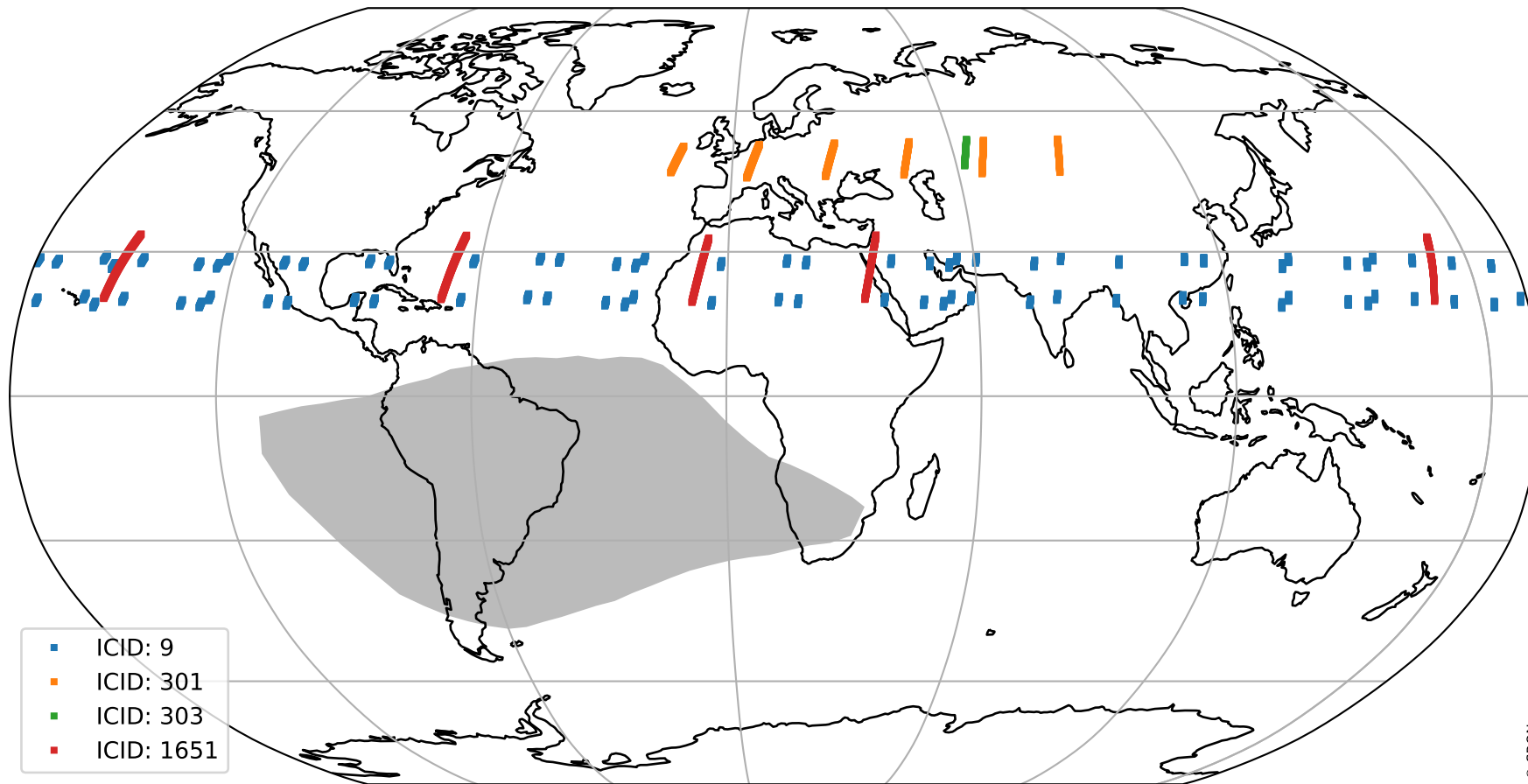
Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
median : 0.94645
spread : 0.090419
created : 2023-08-21T14:44:13



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

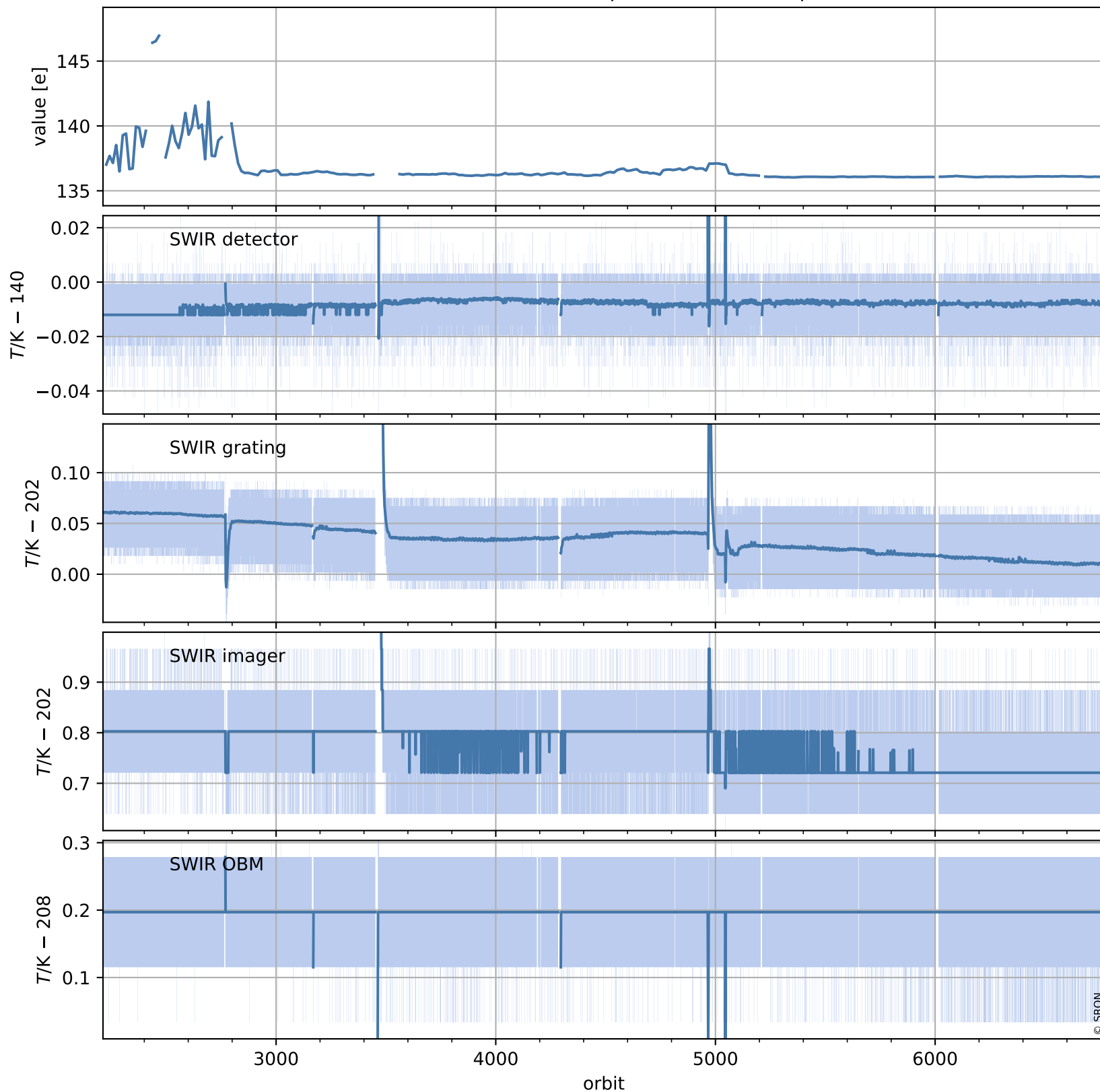
orbits : 12 in [6697, 6772]
coverage : 2019-01-27 / 2019-02-02
created : 2023-08-21T14:44:13



Tropomi SWIR background noise (swir)

orbits : [2212, 6772]
coverage : 2018-03-18 / 2019-02-02
created : 2023-08-21T14:44:14

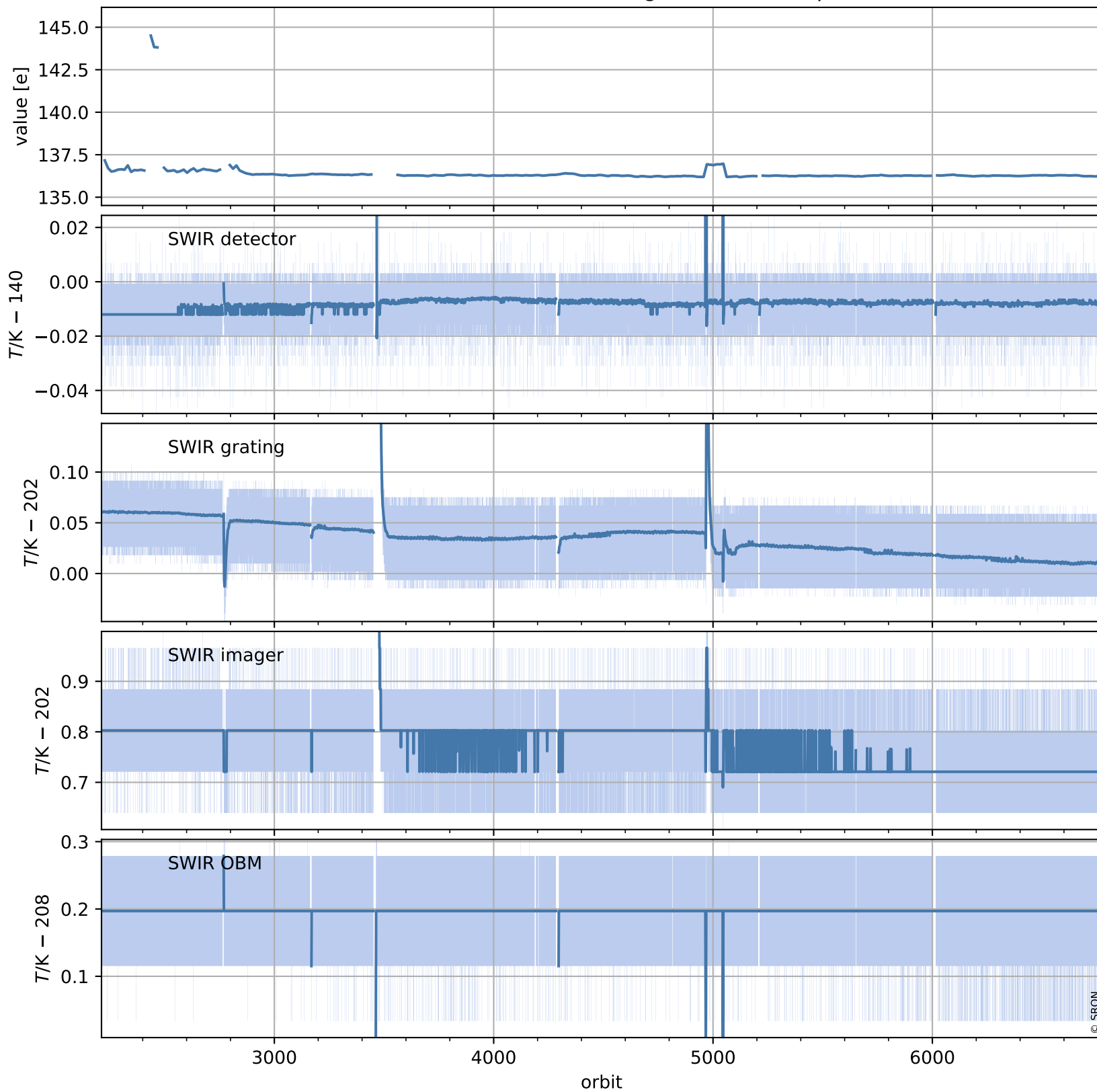
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6772]
coverage : 2018-03-18 / 2019-02-02
created : 2023-08-21T14:44:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6772]
coverage : 2018-03-18 / 2019-02-02
created : 2023-08-21T14:44:15

trend of normalized read-noise & temperatures

