In the proof of items (1) and (2) in Proposition 2.6 of [MP21] we refer twice to Lemma 2.5 which only applies in the compact case. Adopting the notation introduced therein, it can be replaced by the following:

Lemma. *Let* X *be a cohomologically Stein* k*-analytic space,* M *a finitely generated* $\mathcal{O}_{\mathrm{X}}(\mathrm{X})$*-module and* $\tilde{\mathrm{M}}$ *the associated coherent sheaf on* X*. Then, the natural map* $\mathrm{M} \to \tilde{\mathrm{M}}(\mathrm{X})$ *is surjective.*

Proof. Let $m_1, \dots, m_n$ be a set of generators of M. The morphism of coherent sheaves $\varphi\colon \mathcal{O}_{\mathrm{X}}^n \to \tilde{\mathrm{M}}$, $(f_1, \dots, f_n) \mapsto f_1 m_1 + \cdots + f_n m_n$ is surjective by construction of $\tilde{\mathrm{M}}$. The short exact sequence of coherent sheaves $0 \to \mathrm{K} \to \mathcal{O}_{\mathrm{X}}^n \to \tilde{\mathrm{M}} \to 0$ on X, where $\mathrm{K} = \operatorname{Ker}\varphi$, induces a short sequence of $\mathcal{O}_{\mathrm{X}}(\mathrm{X})$-modules

$$0 \longrightarrow \mathrm{K}(\mathrm{X}) \longrightarrow \mathcal{O}_{\mathrm{X}}(\mathrm{X})^n \longrightarrow \tilde{\mathrm{M}}(\mathrm{X}) \longrightarrow 0$$

because $\mathrm{H}^1(\mathrm{X}, \mathrm{K}) = 0$ by the cohomologically Stein hypothesis. It follows that $m_1, \dots, m_n$ generate $\tilde{\mathrm{M}}(\mathrm{X})$ as an $\mathcal{O}_{\mathrm{X}}(\mathrm{X})$-module. □

References

[MP21] M. Maculan and J. Poineau, *Notions of Stein spaces in non-Archimedean geometry*, J. Algebraic Geom. **30** (2021), 287–330.