Fit Configurations for EoR Constraints in Monsalve et al. (2017)

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September 24, 2017

Here we provide details complementary to the constraints in the EDGES High-Band paper Monsalve et al. (2017)[1]. In that paper we describe a method that finds the best fit configuration for probing 21-cm models by minimizing the uncertainty in the amplitude of the 21-cm model while sweeping over 1) the center of the spectral window, 2) the width of the spectral window, and the 3) number of polynomial terms used for foreground modeling. Here, Figure 1 shows the width of the spectral window and number of polynomial terms used for the constraints of tanh EoR models shown in that paper.

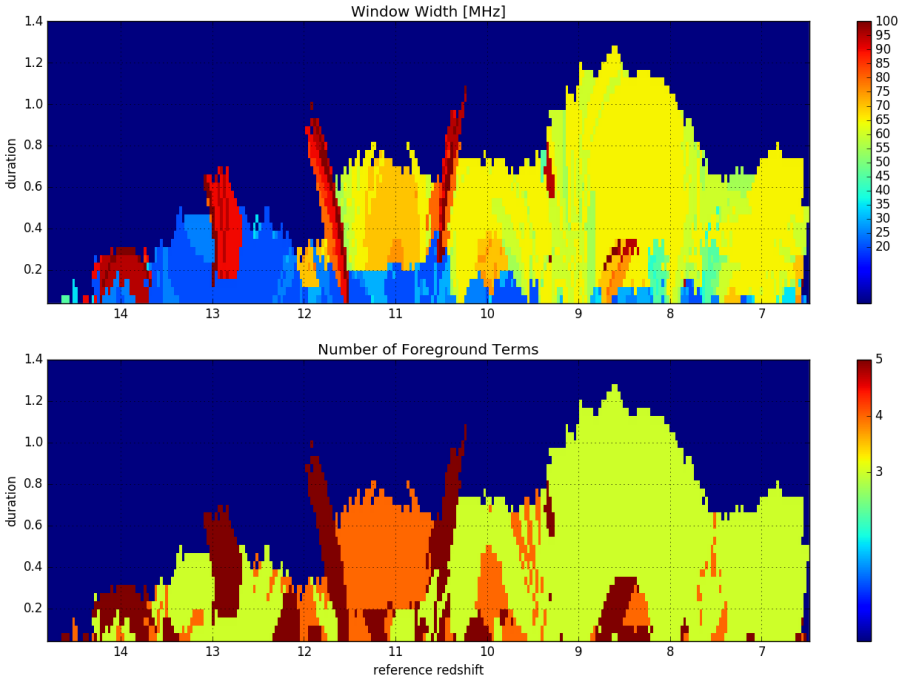

Figure 1: (Top) Width of the spectral window and (Bottom) number of polynomial terms used for the constraints of tanh EoR models shown in the EDGES High-Band paper Monsalve et al. (2017).

[1]Monsalve, R. A., Rogers, A. E. E., Bowman, J. D., Mozdzen, T. J., 'Results from EDGES High-band. I. Constraints on Phenomenological Models for the Global 21 cm Signal'. ApJ 847, 64, 2017