

CORRIGENDUM

Image Simulation for Mingantu Ultrawide Spectral Radioheliograph in the Decimetre Wave Range—CORRIGENDUM

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In the original publication of “Image Simulation for Mingantu Ultrawide Spectral Radioheliograph in the Decimetre Wave Range,” by Jing Du, Yihua Yan, Wei Wang, and Donghao Liu, there were concerns regarding ambiguity of a few statements. To clarify, the authors have submitted an update regarding [Table 6](#) (p. 12) and the supporting language (p. 13):

Tables 5 and 6 show the SNR of the different regions (a~j) in the cleaned maps which is produced with MUSER-I with different frequencies or different **observation** time, the regions selected as the Figure 14 shown. In the snapshot mode, MUSER-I will produce an image every 3 ms. From [Table 6](#), we can see that the SNR of region a ~ j is getting better when the **observation** time increases, the image quality is getting better.

Table 6. The signal to noise ratio (dB) of the different regions (a ~ j) with different observation time (without considering the system noise). The frequency is 0.4 GHz.

Frequency	0.4 GHz	
	Snap-shot(3 ms)	1 s
a	33.52	35.60
b	33.83	35.76
c	28.96	31.32
d	28.85	30.71
e	31.36	33.09
f	29.36	31.10
g	27.84	29.54
h	31.20	33.14
i	27.35	29.71
j	29.85	31.22

The authors regret these errors.

Reference

Du, J., Yan, Y., Wang, W., and Liu, D. (2015) Image Simulation for Mingantu Ultrawide Spectral Radioheliograph in the Decimetre Wave Range. *Publications of the Astronomical Society of Australia*, 32, 1–13.