Correction

Correction: Wang, Y.; et al. Magnesium Alloy Matching Layer for High-Performance Transducer Applications. *Sensors* 2018, *18*, 4424

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The authors wish to make the following corrections to this paper [1]:

In the Results and Discussion section of the paper [1], Figures 7 and 8 from another set of simulations using different parameters were mistakenly used, so the correct ones are given below:
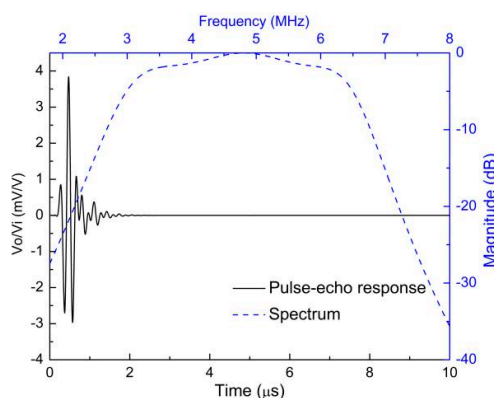
Figure 7. The modeled pulse–echo response and the FFT spectrum of the 5 MHz transducer.
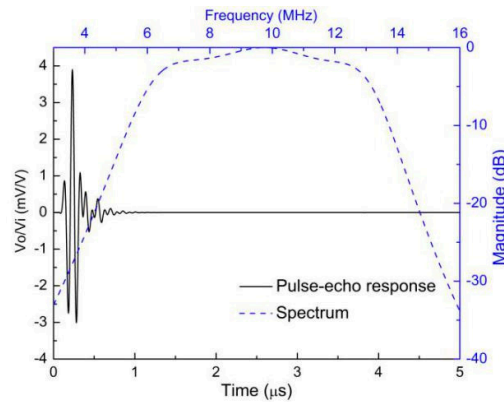
Figure 8. The modeled pulse–echo response and the FFT spectrum of the 10 MHz transducer.

The designed 5 MHz transducer showed a center frequency of 4.73 MHz after putting the backing and matching layers with a −6 dB bandwidth of 77.38% (corresponding to the lower and upper −6 dB frequencies of 2.90 MHz and 6.56 MHz). The center frequency and −6 dB bandwidth for the designed 10 MHz transducer were 9.61 MHz and 77%, respectively (corresponding to the lower and upper −6 dB frequencies of 5.91 MHz and 13.31 MHz). These simulation results agreed well with the experimental results.

In addition, the anti-resonance frequency for the fabricated 5 MHz transducer listed in Table 3 of the paper [1] should be 4.87 MHz, instead of 6.0 MHz.

Reference

1. Wang, Y.; Tao, J.; Guo, F.; Li, S.; Huang, X.; Dong, J.; Cao, W. Magnesium Alloy Matching Layer for High-Performance Transducer Applications. *Sensors* **2018**, *18*, 4424.