Influence of Spatial and Temporal Laser Beam Smoothing on Stimulated Brillouin Scattering in Filamentary Laser Light [Phys. Rev. Lett. 75, 1078 (1995)]

R. L. Berger, B. F. Lasinski, A. B. Langdon, T. B. Kaiser, B. B. Afeyan, B. I. Cohen, C. H. Still, and E. A. Williams The second expression in Eq. (2) for the gain exponent G is too small by a factor of 2. In Fig. 2, the data for G=50 were obtained with $L=1030\lambda_0$ and $I_0=4\times10^{15}$ W/cm² for both f/8 and f/4. All other variations of G in Fig. 2 resulted from a variation of laser intensity with $L=515\lambda_0$ as originally stated. Finally, to the right hand side of Eq. (4), one must add the complex conjugate. The discussion of the variation of the reflectivity with gain exponent in Figs. (3) and (4) is consistent with the corrected Eq. (2).

We are indebited to Drs. J. M. Wallace and H. X. Vu of Los Alamos National Laboratory for pointing out these errors.