**Erratum: New local field quantity describing the high gradient limit of accelerating structures
[Phys. Rev. ST Accel. Beams **12**, 102001 (2009)]**

A. Grudiev, S. Calatroni, and W. Wuensch
(Received 31 August 2011; published 20 September 2011)

DOI: [10.1103/PhysRevSTAB.14.099902](https://doi.org/10.1103/PhysRevSTAB.14.099902)

PACS numbers: 52.80.Vp, 29.20.Ej, 99.10.Cd

We have identified an omission in our paper. The absolute value of the real part $\|\Re\{\bar{S}\}\|$ and the absolute value of the imaginary part $\|\Im\{\bar{S}\}\|$ of the complex Poynting vector $\bar{S}$ have to be used in Eq. (16). Thus, the correct expression for the modified Poynting vector is

$$S_c = \|\Re\{\bar{S}\}\| + g_c \cdot \|\Im\{\bar{S}\}\|. \quad (1)$$

The results and conclusions of the article are not effected.