Review of: "Recognizing Problems in Publications Concerned with Microwave Absorption Film and Providing Corrections: A Focused Review"

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Potential competing interests: No potential competing interests to declare.

Comments:

1-page3," reflection coefficient of the film *RL* in units of dB" must be replaced by ," return loss of the film *RL* in units of dB".

2-all over the paper," open space" must be replaced by, "free space".

3- in figures 1 and 2, permittivity and permeability of all regions must be shown

and r2 does not show reflection from boundary x=x1; it is confusing with b.

4- using symbol "t" for both time and transmission is confusing; authors can use "T" for transmission, especially in equation (7).

5-in page4," Beam f1 is reflected back and forth in the film" is wrong.

6- all over the paper," attenuation power" must be replaced by, "power attenuation".

7- all over the paper," zigzag" must be replaced by, "front and back".

8- all over the paper," beam" must be replaced by, "plane wave".

9-in page6," the permittivity ϵ_r and permeability μr", must be replaced by," the relative permittivity ϵ_r and relative permeability μr".

10-in page6," amplitude of beam r2 still possesses a wave form in Cartesian
coordinate system", is wrong.

11-in page6," It should be noted "the quarter-wavelength
theory" is not applicable to muti-layered film and many other cases such as film without metal-back [48].", is wrong.

12-in page8, line1, "where k=I,r1,r2" must be added.

13-in page8," … is the power attenuation coefficient and … is the wave
propagation coefficient", must be replaced by," … is the attenuation constant and … is the phase constant".

14-in pages 9 and 14," the reflection loss…"must be replaced by," the reflection coefficient…".

15-in pages 10 and 11," device", must be replaced by "medium".

16-in page17," However, V(r2, $x1$) can be larger than V(f1, $x1$) and even larger than V(i, $x1$), which seems contrary to common sense." Is wrong.

17-in pages 18 and 24," phase by pi… and 2mp to (2m + 1)pi and increases from (2m + 1)pi to (2m + 2)pi", radian must be added.

In page24," When the reflection coefficient RL = 0, beam r has vanished by cancellation, and a standing wave is impossible" is wrong.