

Extra care has been taken to find and correct all typo-graphical and equation errors; nonetheless, some may remain in the final print. Below is a table capturing all known typographical and equation errors found in the printed manuscript.

Please report any errors or comments directly to the author at [bassemrm@gmail.com](mailto:bassemrm@gmail.com) or at [bmahafza@phasedn.com](mailto:bmahafza@phasedn.com).

<i>Date</i>	<i>Page #</i>	<i>Pointer to Text / Equation Error as Printed</i>	<i>Correction</i>
3/15/2022	122	Equation 3.96	Change left side of Eq. (3.96) to $\gamma_w$
3/15/2022	122	2 <sup>nd</sup> line inside the paragraph below Eq. (3.96)	Change: "... vapor density in $m^{-3}$ ..." to "... vapor density in $g/m^3$ "
3/15/2022	123	Third column first row of table	Change unit from " $W$ " to " $km$ "
3/15/2022	255	Sentence before Eq. (7.35)	Change to: Therefore, proper sampling of the LPF output and taking the FFT of the sampled sequence lead to the following conclusion: a peak at some frequency $f_l$ indicates the presence of a target at range $R_l = f_l c \tau_0 / 2B$ . Assume $I$ targets, then by using superposition the output signal is,