Enhanced photonic stability of GaAs in aqueous electrolyte using alkanethiol self-assembled monolayers and post-processing with ammonium sulfide

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SUPPORTING INFORMATION

Figure S1. *In situ* PL intensity ($I_{PL}$) from processed GaAs samples immersed in PBS solution at pH 7.4. For each case, data are normalized to $I_{PL}$ at $t = 0$. 
Figure S2. FTIR absorption spectra of HDT SAMs on GaAs surface washed with IPA (a, b, c, e) or H₂O (d, f) and followed by AS treatment (e, f).