

### Supporting Information for

## Ferrite-Based Materials for Anticorrosion: Comparative Study of $\text{ZnFe}_2\text{O}_4$ , $\text{CuFe}_2\text{O}_4$ , and $\text{SrFe}_{12}\text{O}_{19}$

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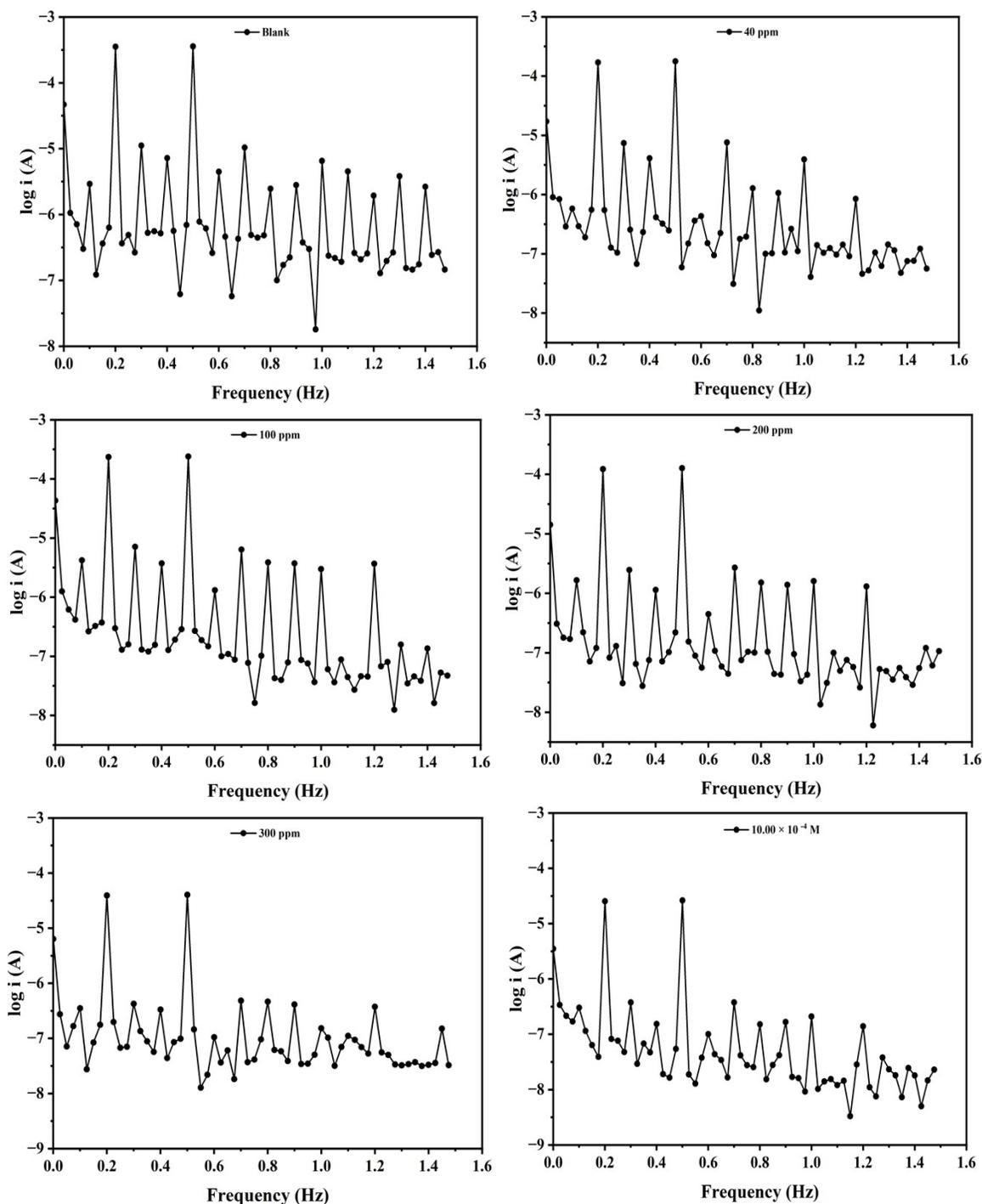
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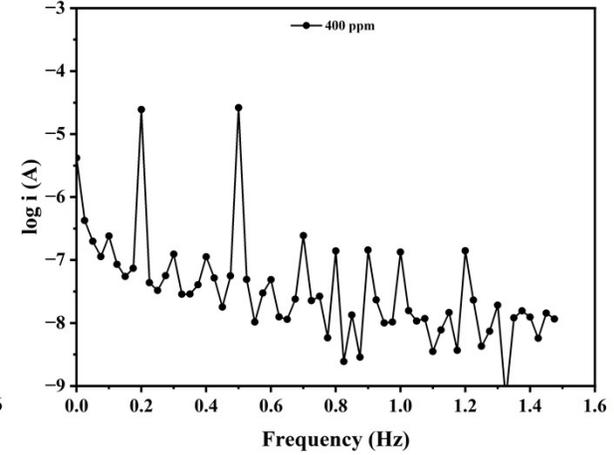
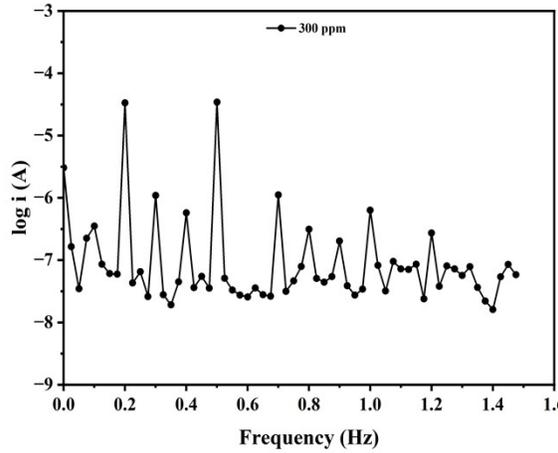
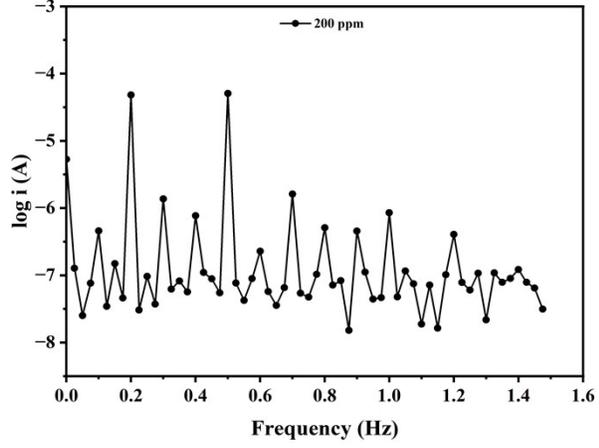
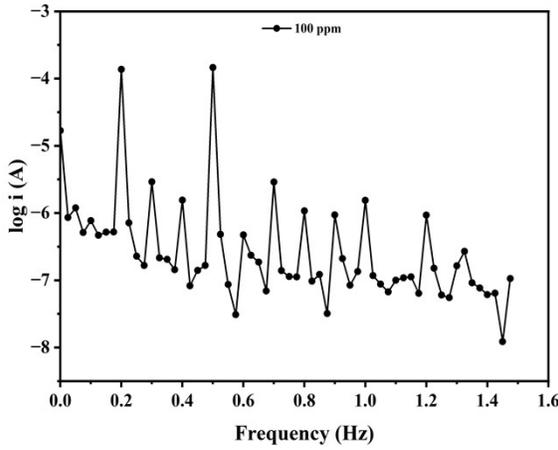
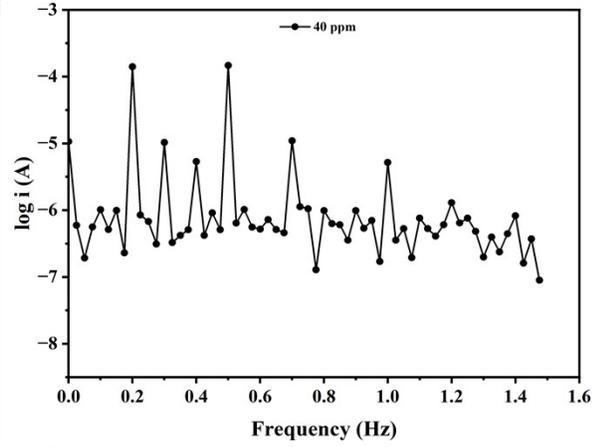
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**Figure S1:** Intermodulation spectra for carbon steel in 1.0 M HCl in absence and presence of different concentrations from **Chit-SrFe<sub>12</sub>O<sub>19</sub>** composite at 30 °C.



**Figure S2:** Intermodulation spectra for carbon steel in 1.0 M HCl in absence and presence of different concentrations from **Chit-CuFe<sub>2</sub>O<sub>4</sub>** composite at 30 °C.